

SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA/RNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-569-926-14

Query Match 0.6%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1706 CACCCAGACAGACA 1721
|||||
Db 1 CACCAAGACAGACA 16

RESULT 580

US-08-761-708-14
Sequence 14, Application US/08761708
Patent No. 630829

GENERAL INFORMATION:
APPLICANT: Smyth, Adrienne P.
APPLICANT: Robinson, Gregory S.
TITLE OF INVENTION: MODIFIED VEGF
TITLE OF INVENTION: OLIGONUCLEOTIDES FOR TREATMENT OF SKIN
TITLE OF INVENTION: DISORDERS
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hale and Dorr
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/761,708
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-031CP4
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-526-5000
TELEFAX: 617-526-6000

INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA/RNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-761-708-14

Query Match 0.6%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1706 CACCCAGACAGACA 1721
|||||
Db 1 CACCAAGACAGACA 16

RESULT 581

US-09-320-911-14
Sequence 14, Application US/09320911
Patent No. 6399586

GENERAL INFORMATION:
APPLICANT: SMYTH, Adrienne P.
APPLICANT: ROBINSON, Gregory S.
TITLE OF INVENTION: MODIFIED VEGF OLIGONUCLEOTIDES FOR
TREATMENT OF SKIN DISORDERS

NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hale and Dorr L.L.P.
CITY: Boston
STATE: Massachusetts
COUNTRY: United States
ZIP: 02109

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/320,911
FILING DATE: 27-May-1999
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 09/124,304
FILING DATE: 29-JUL-1998
APPLICATION NUMBER: US 08/569,926
FILING DATE: 08-DEC-1995
APPLICATION NUMBER: US 08/629,730
FILING DATE: 09-APR-1996

ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-031CP4CN
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 526-6000
TELEFAX: (617) 526-5000

INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA/RNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
SEQUENCE DESCRIPTION: SEQ ID NO: 14:
US-09-320-911-14

Query Match 0.6%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1706 CACCCAGACAGACA 1721
|||||
Db 1 CACCAAGACAGACA 16

Search completed: February 4, 2004, 11:04:17
Job time : 12 secs


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; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES
; TITLE OF INVENTION: ASSOCIATED WITH
; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
; NUMBER OF SEQUENCES: 1379
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/758,306
; FILING DATE: December 3, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/132
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 829:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-758-306-829
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; Query Match 0.7%; Score 12.4; DB 1; Length 17;
; Best Local Similarity 50.0%; Pred. No. 2.1e+02;
; Matches 7; Conservative 6; Mismatches 1; Indels 0; Gaps 0;
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; Qy 1191 CCTGTTTTCATTG 1204
; Db 2 CCUGUUGCACUG 15
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; RESULT 310
; US-08-628-312
; Sequence 312, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
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; COMPUTER READABLE FORM:
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; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 312:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-435-628-312
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; Query Match 0.7%; Score 12.4; DB 1; Length 17;
; Best Local Similarity 71.4%; Pred. No. 2.1e+02;
; Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;
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; Qy 1601 AAGGGTATCTGCAG 1614
; Db 1 AAGGUUUCUGCAG 14
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; RESULT 311
; US-08-292-620A-1647
; Sequence 1647, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
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/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/292,620A
/ FILING DATE: August 17, 1994
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA: including application
/ PRIOR APPLICATION DATA: described below:
/ APPLICATION NUMBER: 08/008,895
/ FILING DATE: January 19, 1993
/ APPLICATION NUMBER: 07/989,849
/ FILING DATE: December 7, 1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 208/149
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 1647:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-292-620A-1647

Query Match 0.7% Score 12.4; DB 1; Length 17;
Best Local Similarity 78.6%; Pred.No. 2.1e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1055 ACACGTGCCCCAC 1068
Db 2 ACACUGUCCCAAC 15

RESULT 312
US-08-292-620A-1802
/ Sequence 1802, Application US/08292620A
/ Patent No. 5837542
/ GENERAL INFORMATION:
/ APPLICANT: Susan Grimm
/ APPLICANT: Dan T. Stinchcomb
/ APPLICANT: James McSwiggen
/ APPLICANT: Sean Sullivan
/ APPLICANT: Kenneth G. Draper
/ TITLE OF INVENTION: RIBOZYME TREATMENT OF
/ TITLE OF INVENTION: DISEASES OR CONDITIONS
/ TITLE OF INVENTION: RELATED TO LEVELS OF
/ TITLE OF INVENTION: INTRACELLULAR ADHESION
/ TITLE OF INVENTION: MOLESCULE-1 (I-CAM-1)
/ NUMBER OF SEQUENCES: 2390
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/292,620A
/ FILING DATE: August 17, 1994
/ CLASSIFICATION: 435

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/ PRIOR APPLICATION DATA: including application
/ PRIOR APPLICATION DATA: described below:
/ APPLICATION NUMBER: 08/008,895
/ FILING DATE: January 19, 1993
/ APPLICATION NUMBER: 07/989,849
/ FILING DATE: December 7, 1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 208/149
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 1802:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-292-620A-1802

Query Match 0.7% Score 12.4; DB 1; Length 17;
Best Local Similarity 78.6%; Pred.No. 2.1e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1055 ACACGTGCCCCAC 1068
Db 2 ACACUGUCCCAAC 15

RESULT 313
US-08-985-162-376
/ Sequence 376, Application US/08985162
/ Patent No. 6057156
/ GENERAL INFORMATION:
/ APPLICANT: Akhtar, Saghir
/ APPLICANT: Fell, Patricia
/ APPLICANT: McSwiggen, James
/ TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
/ TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
/ TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
/ TITLE OF INVENTION: FACTOR RECEPTORS
/ NUMBER OF SEQUENCES: 1877
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: FastSeq for Windows 2.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/985,162
/ FILING DATE: 04 December 1997
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 60/036,476
/ FILING DATE: 31 January 1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 230/107
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440

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TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 376:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-985-162-376

Query Match 0.7%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 64.3%; Pred. No. 2.1e+02;
 Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy 555 GGGATTCTTCAGCA 568
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 Db 4 GGGCUUCUUCAGCA 17

RESULT 314
 US-08-985-162-377
 ; Sequence 377, Application US/08985162
 ; Patent No. 6057156
 ; GENERAL INFORMATION:
 ; APPLICANT: Akhtar, Saghir
 ; APPLICANT: Fell, Patricia
 ; APPLICANT: McSwiggen, James
 ; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
 ; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
 ; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
 ; NUMBER OF SEQUENCES: 1877
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071-2066
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: FastSEQ for Windows 2.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/985,162
 ; FILING DATE: 04 December 1997
 ; CLASSIFICATION: 514
 ; PRIOR APPLICATION DATA:
 ; FILING DATE: 31 January 1997
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard J.
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 230/107
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 377:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 17 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-08-985-162-377

Query Match 0.7%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 64.3%; Pred. No. 2.1e+02;
 Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy 555 GGGATTCTTCAGCA 568
 ||| :|||
 Db 4 GGGCUUCUUCAGCA 17

RESULT 314
 US-08-985-162-377
 ; Sequence 377, Application US/08985162
 ; Patent No. 6057156
 ; GENERAL INFORMATION:
 ; APPLICANT: Akhtar, Saghir
 ; APPLICANT: Fell, Patricia
 ; APPLICANT: McSwiggen, James
 ; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
 ; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
 ; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
 ; NUMBER OF SEQUENCES: 1877
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071-2066
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: FastSEQ for Windows 2.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/985,162
 ; FILING DATE: 04 December 1997
 ; CLASSIFICATION: 514
 ; PRIOR APPLICATION DATA:
 ; FILING DATE: 31 January 1997
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard J.
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 230/107
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 377:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 17 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-08-985-162-377

Query Match 0.7%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 64.3%; Pred. No. 2.1e+02;
 Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy 555 GGGATTCTTCAGCA 568
 ||| :|||
 Db 4 GGGCUUCUUCAGCA 17

TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 376:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-985-162-376

Query Match 0.7%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 64.3%; Pred. No. 2.1e+02;
 Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy 555 GGGATTCTTCAGCA 568
 ||| :|||
 Db 4 GGGCUUCUUCAGCA 17

RESULT 315
 US-08-985-162-378
 ; Sequence 378, Application US/08985162
 ; Patent No. 6057156
 ; GENERAL INFORMATION:
 ; APPLICANT: Akhtar, Saghir
 ; APPLICANT: Fell, Patricia
 ; APPLICANT: McSwiggen, James
 ; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
 ; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
 ; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
 ; NUMBER OF SEQUENCES: 1877
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071-2066
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: FastSEQ for Windows 2.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/985,162
 ; FILING DATE: 04 December 1997
 ; CLASSIFICATION: 514
 ; PRIOR APPLICATION DATA:
 ; FILING DATE: 31 January 1997
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard J.
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 230/107
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 378:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 17 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-08-985-162-378

Query Match 0.7%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 64.3%; Pred. No. 2.1e+02;
 Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy 555 GGGATTCTTCAGCA 568
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 Db 1 GGGCUUCUUCAGCA 14

RESULT 316
 US-09-071-845-1647
 ; Sequence 1647, Application US/09071845
 ; Patent No. 6132967
 ; GENERAL INFORMATION:
 ; APPLICANT: Susan Grimm
 ; APPLICANT: Dan T. Stinchcomb
 ; APPLICANT: James McSwiggen
 ; APPLICANT: Sean Sullivan
 ; APPLICANT: Kenneth G. Draper

Query Match 0.7%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 64.3%; Pred. No. 2.1e+02;
 Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy 555 GGGATTCTTCAGCA 568
 ||| :|||
 Db 1 GGGCUUCUUCAGCA 14

/ TITLE OF INVENTION: RIBOZYME TREATMENT OF
 / TITLE OF INVENTION: DISEASES OR CONDITIONS
 / TITLE OF INVENTION: RELATED TO LEVELS OF
 / TITLE OF INVENTION: INTRACELLULAR ADHESION
 / TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
 / NUMBER OF SEQUENCES: 2390
 / CORRESPONDENCE ADDRESS:

/ ADDRESSEE: Lyon & Lyon
 / STREET: 633 West Fifth Street
 / STREET: Suite 4700
 / CITY: Los Angeles
 / STATE: California
 / COUNTRY: U.S.A.
 / ZIP: 90071-2066

/ COMPUTER READABLE FORM:
 / MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 / MEDIUM TYPE: storage
 / COMPUTER: IBM Compatible
 / OPERATING SYSTEM: IBM P.C. DOS 5.0
 / SOFTWARE: Word Perfect 5.1
 / CURRENT APPLICATION DATA:
 / APPLICATION NUMBER: US/09/071,845
 / FILING DATE:

/ CLASSIFICATION:

/ PRIOR APPLICATION DATA:
 / APPLICATION NUMBER: US/08/292,620
 / FILING DATE: August 17, 1994
 / APPLICATION NUMBER: 08/008,895
 / FILING DATE: January 19, 1993
 / APPLICATION NUMBER: 07/989,849
 / FILING DATE: December 7, 1992
 / ATTORNEY/AGENT INFORMATION:

/ NAME: Warburg, Richard J.
 / REGISTRATION NUMBER: 32,327
 / REFERENCE/DOCKET NUMBER: 208/149
 / TELECOMMUNICATION INFORMATION:
 / TELEPHONE: (213) 489-1600
 / TELEFAX: (213) 955-0440
 / TELEX: 67-3510

/ INFORMATION FOR SEQ ID NO: 1647:

/ SEQUENCE CHARACTERISTICS:
 / LENGTH: 17 base pairs
 / TYPE: nucleic acid
 / STRANDEDNESS: single
 / TOPOLOGY: linear

/ US-09-071-845-1647

Query Match 0.7%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 78.8%; Pred. No. 2.le+02;
 Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1055 ACACGTCCCTAC 1068
 Db 2 ACACGUGCCAC 15

RESULT 317

/ US-09-071-845-1802
 / Sequence 1802, Application US/09071845
 / Patent No. 6132967

/ GENERAL INFORMATION:

/ APPLICANT: Susan Grimm
 / APPLICANT: Dan T. Stinchcomb
 / APPLICANT: James McSwiggen
 / APPLICANT: Sean Sullivan
 / APPLICANT: Kenneth G. Draper
 / TITLE OF INVENTION: RIBOZYME TREATMENT OF
 / TITLE OF INVENTION: DISEASES OR CONDITIONS
 / TITLE OF INVENTION: RELATED TO LEVELS OF
 / TITLE OF INVENTION: INTRACELLULAR ADHESION
 / TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
 / NUMBER OF SEQUENCES: 2390
 / CORRESPONDENCE ADDRESS:

/ ADDRESSEE: Lyon & Lyon
 / STREET: 633 West Fifth Street
 / STREET: Suite 4700
 / CITY: Los Angeles
 / STATE: California
 / COUNTRY: U.S.A.
 / ZIP: 90071-2066
 / COMPUTER READABLE FORM:
 / MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 / MEDIUM TYPE: storage
 / COMPUTER: IBM Compatible
 / OPERATING SYSTEM: IBM P.C. DOS 5.0
 / SOFTWARE: Word Perfect 5.1
 / CURRENT APPLICATION DATA:
 / APPLICATION NUMBER: US/09/071,845
 / FILING DATE:

/ CLASSIFICATION:

/ PRIOR APPLICATION DATA:
 / APPLICATION NUMBER: US/08/292,620
 / FILING DATE: August 17, 1994
 / APPLICATION NUMBER: 08/008,895
 / FILING DATE: January 19, 1993
 / APPLICATION NUMBER: 07/989,849
 / FILING DATE: December 7, 1992
 / ATTORNEY/AGENT INFORMATION:

/ NAME: Warburg, Richard J.
 / REGISTRATION NUMBER: 32,327
 / REFERENCE/DOCKET NUMBER: 208/149
 / TELECOMMUNICATION INFORMATION:
 / TELEPHONE: (213) 489-1600
 / TELEFAX: (213) 955-0440
 / TELEX: 67-3510

/ INFORMATION FOR SEQ ID NO: 1802:

/ SEQUENCE CHARACTERISTICS:
 / LENGTH: 17 base pairs
 / TYPE: nucleic acid
 / STRANDEDNESS: single
 / TOPOLOGY: linear

/ US-09-071-845-1802

Query Match 0.7%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 78.6%; Pred. No. 2.le+02;
 Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1055 ACACGTCCCTAC 1068
 Db 2 ACACGUGCCAC 15

RESULT 318

/ US-08-584-040-2621
 / Sequence 2621, Application US/08584040
 / Patent No. 6346398

/ GENERAL INFORMATION:

/ APPLICANT: Pavco, Pamela
 / APPLICANT: McSwiggen, James
 / APPLICANT: Stinchcomb, Dan T.
 / APPLICANT: Escobedo, Jaime
 / TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 / TITLE OF INVENTION: TREATMENT OF DISEASES OR
 / TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
 / TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
 / TITLE OF INVENTION: GROWTH FACTOR
 / NUMBER OF SEQUENCES: 8502
 / CORRESPONDENCE ADDRESS:

/ ADDRESSEE: Lyon & Lyon
 / STREET: 633 West Fifth Street
 / STREET: Suite 4700
 / CITY: Los Angeles
 / STATE: California
 / COUNTRY: U.S.A.
 / ZIP: 90071-2066
 / COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2621:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-2621

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 2.1e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 325 GAGCTATTACAAA 338
Db 4 GAGCUAGUACAAA 17
||||| :|||||

RESULT 319
US-08-584-040-2622
Sequence 2622, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES OR
CONDITIONS RELATED TO LEVELS
OF VASCULAR ENDOTHELIAL
GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995

ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2622:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-2622

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 2.1e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 325 GAGCTATTACAAA 338
Db 1 GAGCUAGUACAAA 14
||||| :|||||

RESULT 320
US-08-584-040-3978
Sequence 3978, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES OR
CONDITIONS RELATED TO LEVELS
OF VASCULAR ENDOTHELIAL
GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 3978:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-3978

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.8%; Pred. No. 2.1e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 948 GGACTTACAGGGAG 961
||||:|||||
Db 4 GGACUCCAGGGAG 17

RESULT 321

US-08-584-040-3979
; Sequence 3979, Application US/08584040
; Patent No. 6346398

GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066

COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 3979:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-3979

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.8%; Pred. No. 2.1e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 948 GGACTTACAGGGAG 961
||||:|||||
Db 3 GGACUCCAGGGAG 16

RESULT 322

US-08-584-040-5696
; Sequence 5696, Application US/08584040
; Patent No. 6346398

GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066

COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 5696:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-5696

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 2.1e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 816 GCCCTTGCTGAGC 829
||||:|||||
Db 4 GCCCUUGGAGGAGC 17

RESULT 323

US-08-584-040-7398
; Sequence 7398, Application US/08584040
; Patent No. 6346398

GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR

;; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
;; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
;; NUMBER OF SEQUENCES: 8502
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Lyon & Lyon
;; STREET: 633 West Fifth Street
;; CITY: Los Angeles
;; STATE: California
;; COUNTRY: U.S.A.
;; ZIP: 90071-2066
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;; MEDIUM TYPE: storage
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: IBM P.C. DOS 5.0
;; SOFTWARE: Word Perfect 5.1
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/584,040
;; FILING DATE: January 11, 1996
;; CLASSIFICATION: 514
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 60/005,974
;; FILING DATE: October 26, 1995
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 218/064
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 7398:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 17 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; US-08-584-040-7398

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 64.3%; Pred. No. 2.le+02;
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 327 GCTATTTCACAAACC 340
Db 4 GCUAUUUAAAAACC 17
||:|:|:|:|:|

RESULT 324
US-08-584-040-7399
; Sequence 7399, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066

;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;; MEDIUM TYPE: storage
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: IBM P.C. DOS 5.0
;; SOFTWARE: Word Perfect 5.1
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/584,040
;; FILING DATE: January 11, 1996
;; CLASSIFICATION: 514
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 60/005,974
;; FILING DATE: October 26, 1995
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 218/064
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 7399:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 17 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; US-08-584-040-7399

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 64.3%; Pred. No. 2.le+02;
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 327 GCTATTTCACAAACC 340
Db 3 GCUAUUUAAAAACC 16
||:|:|:|:|:|

RESULT 325
US-08-584-040-7400
; Sequence 7400, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974

;; FILING DATE: October 26, 1995
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 218/064
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 7400:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 17 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
US-08-584-040-7400

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 64.3%; Pred. No. 2.1e+02;
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 327 GCTATTACAAAC 340
|||:|:|:|:|:|
Db 2 GCUAUUUAAAAC 15

RESULT 326
US-08-584-040-7421
; Sequence 7421, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7421:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs

;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
US-08-584-040-7421

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 2.1e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 111 CACCGTGCATGGCA 124
|||||:|:|:|:|:|
Db 1 CACCGUGAUGGCA 14

RESULT 327
US-08-584-040-7789
; Sequence 7789, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7789:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-7789

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 2.1e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1389 AAGCTTCTCATCAG 1402
|||||:|:|:|:|:|
Db 4 AAGCUUCUCCAG 17

RESULT 328

US-08-584-040-7790
; Sequence 7790, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; FILING DATE: October 26, 1995
; NAME: Warburg, Richard J.
; ATTORNEY/AGENT INFORMATION:
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELEPHONE: (213) 955-0440
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7790:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-7790

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 2.1e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1389 AAGCTTCTCATCAG 1402

Db 3 AAGCUUCUACAG 15

RESULT 329

US-08-584-040-7796
; Sequence 7796, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE

; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; FILING DATE: October 26, 1995
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7796:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-7796

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 2.1e+02;
Matches 7; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 1363 TACATGTATGAGTT 1376

Db 4 UACAUCAUGAGUU 17

RESULT 330

US-08-142-791A-7
; Sequence 7, Application US/09142791A
; Patent No. 6368823
; GENERAL INFORMATION:
; APPLICANT: Antoine Michel Alain Brill
; APPLICANT: Thierry Paul Gerard Calmels
; APPLICANT: Jean-Francois Simon Pierre Faivre
; APPLICANT: Jean-Luc Javre
; APPLICANT: Sabine Rouanet
; TITLE OF INVENTION: NOVEL
; FILE REFERENCE: GH-30012
; CURRENT APPLICATION NUMBER: US/09/142,791A
; CURRENT FILING DATE: 1999-02-02
; PRIOR APPLICATION NUMBER: PCT/EP98/01901
; PRIOR FILING DATE: 1998-03-23
; PRIOR APPLICATION NUMBER: UK 9706377.0
; PRIOR FILING DATE: 1997-03-27
; PRIOR APPLICATION NUMBER: EP 97402971.2
; PRIOR FILING DATE: 1997-12-09
; PRIOR APPLICATION NUMBER: EP 97403007.4
; PRIOR FILING DATE: 1997-12-11

; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 7
; LENGTH: 17
; TYPE: DNA
; ORGANISM: HOMO SAPIENS
US-09-142-791A-7

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1355 CACCCACCTACATG 1368
|||:|:|:|:|:|:|
DB 1 CACCCACCAACATG 14

RESULT 331

US-09-371-772B-1145
; Sequence 1145, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1145
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1145

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 2.1e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 325 GAGCTATTACAAA 338
|||:|:|:|:|:|:|
DB 4 GAGCUAGUACAAA 17

RESULT 332

US-09-371-772B-1146
; Sequence 1146, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225

; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1146
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1146

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 2.1e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 325 GAGCTATTACAAA 338
|||:|:|:|:|:|:|
DB 1 GAGCUAGUACAAA 14

RESULT 333

US-09-371-772B-1745
; Sequence 1745, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1745
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1745

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.8%; Pred. No. 2.1e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 948 GGACTTACAGGAG 961
|||:|:|:|:|:|:|
DB 4 GGACUCCAGGAG 17

RESULT 334

US-09-371-772B-1746
; Sequence 1746, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 1746
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1746

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 2.1e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 948 GGACTTACAGGAG 961
|||:|:|:|:|:|:|
Db 3 GGACUCCAGGAG 16

RESULT 335

US-09-371-772B-2580
; Sequence 2580, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371.772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 2580
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2580

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 2.1e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 816 GCCCTTGCTGAGC 829
|||:|:|:|:|:|
Db 4 GCCCUUGAUGAGC 17

RESULT 336

US-09-371-772B-3206
; Sequence 3206, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371.772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 3206

; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3206

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 64.3%; Pred. No. 2.1e+02;
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 327 GCTATTTACAAACC 340
|||:|:|:|:|:|
Db 4 GCUAUUUAAAACC 17

RESULT 337

US-09-371-772B-3207
; Sequence 3207, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371.772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 3207
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3207

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 64.3%; Pred. No. 2.1e+02;
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 327 GCTATTTACAAACC 340
|||:|:|:|:|:|
Db 3 GCUAUUUAAAACC 16

RESULT 338

US-09-371-772B-3208
; Sequence 3208, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371.772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 3208
; LENGTH: 17

; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3208

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 64.3%; Pred. No. 2.1e+02;
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 327 GCTATTTCACAAACC 340
|||:|:|:|:|:|:|
Db 2 GCUAUUUAAAACC 15

RESULT 339

US-09-371-772B-3228
; Sequence 3228, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MEH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3228
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3228

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 2.1e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 111 CACCGTCATGCCA 124
|||:|:|:|:|:|:|
Db 1 CACCGUGAUGCCA 14

RESULT 340

US-09-371-772B-3573
; Sequence 3573, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MEH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3573
; LENGTH: 17
; TYPE: RNA

; ORGANISM: Mus sp.
US-09-371-772B-3573

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 2.1e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1389 AAGCTTCTCATCAG 1402
|||:|:|:|:|:|:|
Db 4 AAGCUUCUACCAG 17

RESULT 341

US-09-371-772B-3574
; Sequence 3574, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions I
; FILE REFERENCE: MEH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3574
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3574

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 2.1e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1389 AAGCTTCTCATCAG 1402
|||:|:|:|:|:|:|
Db 3 AAGCUUCUACCAG 16

RESULT 342

US-09-371-772B-3580
; Sequence 3580, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions I
; FILE REFERENCE: MEH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3580
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.

US-09-371-772B-3580

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 2.1e+02;
Matches 7; Conservative 6; Mismatches 1; Indels

QY 1363 TACATGTATGAGTT 1376
Db :|||:::|||:::
4 UACAUCUAUGAGUU 17

RESULT 343

```

US-09-371-772B-6287
; Sequence 6287, Application US/09371772B
; Patent No. 8566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for
; TITLE OF INVENTION: Levels of Vascular E
; FILE REFERENCE: MHB00, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6287
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6287

```

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 2.1e+02;
Matches 12; Conservative 1; Mismatches 1; Indels

QY	410	TGACCAAGAAAAAC	423
		:	
Dp	4	UGACCAAGAAGAAC	17

RESULT.T 344

```

US-09-371-772B-6404
/ Sequence 6404, Application US/09371772B
/ Patent No. 6566127
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Pavco, Pam
/ APPLICANT: McSwiggen, Jim
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: Method and Reagent for
/ TITLE OF INVENTION: Levels of Vascular E
/ FILE REFERENCE: MBH00,876-J (237/198)
/ CURRENT APPLICATION NUMBER: US/09/371,772
/ CURRENT FILING DATE: 1999-08-10
/ PRIOR APPLICATION NUMBER: US 60/005,974
/ PRIOR FILING DATE: 1995-10-26
/ PRIOR APPLICATION NUMBER: US 08/584,040
/ PRIOR FILING DATE: 1996-01-08
/ NUMBER OF SEQ ID NOS: 1425
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 6404
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-371-772B-6404

```

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 2.1e+02;
Matches 11; Conservative 2; Mismatches 1; Indels

Qy 948 GGACTTACAGGAG 961
|||:||||
Db 2 GGCTUCCAGGAG 15

RESULT 345

US-09-371-772B-6405
; Sequence 6405, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEH800,876-J (2/37/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/594,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6405
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6405

Query Match 0.78; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 2.1e+02;
Matches 11; Conservative 2; Mismatches 1. Indels

Qy 948 GGACTTACAGGAG 961
|||:|||||
Db 1 GGACUUCACGGGAG 14

RESULT 346

```

US-09-371-772B-6558
; Sequence 6558, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Bacchedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCES: MEH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 6558
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6558

```

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 2.1e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 819 CTGGCTGAGCAAA 832
|::|||:|||||
Db 3 CUUGGCGUGCAAA 16

RESULT 347
US-08-390-850-405/c
; Sequence 405, Application US/08390850
; Patent No. 5612215
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Gustofson, John
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
; TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
; NUMBER OF SEQUENCES: 1151
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071

COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: IBM Compatible
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/390,850
; FILING DATE: February 17, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/354,920
; FILING DATE: December 13, 1994
; APPLICATION NUMBER: 08/152,487
; FILING DATE: No. 5612215ember 12, 1993
; APPLICATION NUMBER: 07/989,848
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 211/084
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 405:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-390-850-405

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 822 GGCTGAGCAAAATGCTA 838
|::|||:|||||
Db 17 GGCTGAGCAAAAGCCCA 1

RESULT 348
US-08-344-695-20

; Sequence 20, Application US/08344695
; Patent No. 5614398
; GENERAL INFORMATION:
; APPLICANT: O'BROCHTA, DAVID
; APPLICANT: WARREN, WILLIAM
; APPLICANT: ATKINSON, PETER
; TITLE OF INVENTION: A GENE TRANSFER SYSTEM FOR INSECTS
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
; ADDRESSEE: P.C.
; STREET: 1755 S. Jefferson Davis Highway, Suite 400
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/344,695
; FILING DATE: 18-NOV-1994
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Kelber, Steven B.
; REGISTRATION NUMBER: 30,073
; REFERENCE/DOCKET NUMBER: 2747-058-27
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 413-3000
; TELEFAX: (703) 413-2220
; TELEX: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: other nucleic acid
US-08-344-695-20

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1583 CAGAGTACACCAAG 1599
|::|||:|||||
Db 1 CAGAGAACACACCAAG 17

RESULT 349
US-08-373-124A-178/c
; Sequence 178, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:

;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;; MEDIUM TYPE: storage
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: IBM P.C. DOS 5.0
;; SOFTWARE: Word Perfect 5.1
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/373,124A
;; FILING DATE: January 13, 1995
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 08/245,466
;; FILING DATE: May 18, 1994
;; APPLICATION NUMBER: 08/192,943
;; FILING DATE: February 7, 1994
;; APPLICATION NUMBER: 07/987,132
;; FILING DATE: December 7, 1992
;; APPLICATION NUMBER: 07/936,422
;; FILING DATE: August 26, 1992
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 209/035
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 178:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 17 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; US-08-373-124A-178

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 893 AGAGACGGAGGAGGAG 909
Db 17 AGGAGAGGAGGAGGAG 1

RESULT 350
US-08-373-124A-318
; Sequence 318, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:

;; APPLICATION NUMBER: 08/245,466
;; FILING DATE: May 18, 1994
;; APPLICATION NUMBER: 08/192,943
;; FILING DATE: February 7, 1994
;; APPLICATION NUMBER: 07/987,132
;; FILING DATE: December 7, 1992
;; APPLICATION NUMBER: 07/936,422
;; FILING DATE: August 26, 1992
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 209/035
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 318:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 17 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; US-08-373-124A-318

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 2.3e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 358 CTCGAAGCTTCTGAAGA 374
Db 1 CACAAGCUCCAGAAGA 17

RESULT 351
US-08-373-124A-1239
; Sequence 1239, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1239:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-1239

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 2.3e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 1717 GAACACATAGACTGTG 1733
Db 1 GAAGACAUGAUG-17

RESULT 352
US-08-373-124A-1401/C
Sequence 1401, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1401:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-1401

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 2.3e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-1401

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 887 TGCACAGAGACGGAA 903
Db 17 TGCACAGGATAGGGAA 1

RESULT 353
US-08-373-124A-1941
Sequence 1941, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1941:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-1941

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 2.3e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 324 AGAGCTATTACAAACC 340
|||| : : : |||||
Db 1 AGAGAUUUUAAAACC 17

RESULT 354
US-08-255-892-61/c
; Sequence 61, Application US/08455892
; Patent No. 5695926
; GENERAL INFORMATION:
; APPLICANT: CROS, PHILIPPE
; APPLICANT: ALLIBERT, PATRICE
; APPLICANT: MALLET, FRANCOIS
; APPLICANT: MAELAT, CLAUDE
; APPLICANT: MANDRAND, BERNARD
; TITLE OF INVENTION: PROCEDURE FOR DETECTION OF A NUCLEOTIDE
; TITLE OF INVENTION: SEQUENCE BY IMPLEMENTING THE SANDWICH HYBRIDIZATION
; TITLE OF INVENTION: TECHNIQUE
; NUMBER OF SEQUENCES: 113
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CUSHMAN, DARBY & CUSHMAN
; STREET: 1100 NEW YORK AVENUE, N.W.
; CITY: WASHINGTON
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; FILING DATE: US/08/255,892
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/834,543
; FILING DATE: 11-FEB-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: DEEVER, DONALD B.
; REGISTRATION NUMBER: 23,048
; REFERENCE/DOCKET NUMBER: 1032/94109
; TELEPHONE: 202-861-3000
; TELEFAX: 202-822-0944
; TELEX: 6714627 CUSH
; INFORMATION FOR SEQ ID NO: 61:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-255-892-61

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1569 GCTGCCCCCACTGGCCAG 1585
||||| : : : |||||
Db 17 GCTGCCCCCGTGTAG 1

RESULT 355
US-08-435-634-405/c
; Sequence 405, Application US/08435634
; Patent No. 5731295
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James

; APPLICANT: Gustofson, John
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
; TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
; NUMBER OF SEQUENCES: 1151
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071

; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,634
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/390,850
; FILING DATE: February 17, 1995
; APPLICATION NUMBER: 08/354,920
; FILING DATE: December 13, 1994
; APPLICATION NUMBER: 08/152,487
; FILING DATE: No. 5731295 September 12, 1993
; APPLICATION NUMBER: 07/989,848
; FILING DATE: December 7, 1992

; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 211/084
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 405:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-435-634-405

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 822 GGCTGAGCAAAATTCCTA 838
||||| : : : |||||
Db 17 GGCTGAGCAAAAGCCCA 1

RESULT 356
US-08-623-891-83
; Sequence 83, Application US/08623891
; Patent No. 5795778
; GENERAL INFORMATION:
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HERPES SIMPLEX
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 115
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA

ZIP: 90017
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/623,891
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/238,200
FILING DATE:
APPLICATION NUMBER: US/07/987,133
FILING DATE:
APPLICATION NUMBER: 07/882,921
FILING DATE: May 14, 1992
APPLICATION NUMBER: 07/948,359
FILING DATE: September 18, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 200/209
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 83:
SEQUENCE CHARACTERISTICS:
LENGTH: 17
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-623-891-83

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 2.3e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy 1322 TGATTGTCGCCGGAC 1338
Db 1 UGGUCGUGGCCGCAAC 17

RESULT 357
US-08-758-306-73/c
Sequence 73, Application US/08/58306
Patent No. 5807743
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306

FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 73:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-758-306-73

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 920 CGACATTGAAAATGAAA 936
Db 17 CGACATTGAACACAAAA 1

RESULT 358
US-08-758-306-115
Sequence 115, Application US/08/58306
Patent No. 5807743
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 115:


```

/ NUMBER OF SEQUENCES: 2627
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ CITY: Suite 4700
/ STATE: Los Angeles
/ COUNTRY: California
/ ZIP: 90071
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/435,628
/ FILING DATE: 05-MAY-1995
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/373,124
/ FILING DATE: January 13, 1995
/ APPLICATION NUMBER: 08/245,466
/ FILING DATE: May 18, 1994
/ APPLICATION NUMBER: 08/192,943
/ FILING DATE: February 7, 1994
/ APPLICATION NUMBER: 07/987,132
/ FILING DATE: December 7, 1992
/ APPLICATION NUMBER: 07/936,422
/ FILING DATE: August 26, 1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 209/035
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 178:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-435-628-178

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 893 AGAAGACGGAAGGAGGAG 909
Db 17 AGGAGAAGGAGGAGGAG 1

RESULT 362
US-08-435-628-318
; Sequence 318, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwigen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage

```

```

/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/435,628
/ FILING DATE: 05-MAY-1995
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/373,124
/ FILING DATE: January 13, 1995
/ APPLICATION NUMBER: 08/245,466
/ FILING DATE: May 18, 1994
/ APPLICATION NUMBER: 08/192,943
/ FILING DATE: February 7, 1994
/ APPLICATION NUMBER: 07/987,132
/ FILING DATE: December 7, 1992
/ APPLICATION NUMBER: 07/936,422
/ FILING DATE: August 26, 1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 209/035
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 318:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-435-628-318

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 2.3e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

OY 358 CTCAAGCTTCTGAAGA 374
Db 1 CACAAGCUCGAGAAGA 17

RESULT 363
US-08-435-628-1239
; Sequence 1239, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwigen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage

```

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COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1239:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-1239

Query Match 0.7% Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7; Pred. No. 2.3e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 1717 GAACACATAGAGCTGTG 1733
||| ||| : ||| : |||
Db 1 GAAGACAUGAGAUG 17

RESULT 364
US-08-435-628-1401/c
; Sequence 1401, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
```

```
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1401:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-1401

Query Match 0.7% Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 887 TCGACAGAGACGGAA 903
||||| ||| ||| ||| |||
Db 17 TCGACAGATAGGAA 1

RESULT 365
US-08-435-628-1941
; Sequence 1941, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
```

NAME: Warburg, Richard
REGISTRATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1941:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-1941

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 2.3e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 324 AGAGCTATTACAAACC 340
DB 1 AGAGAUUUUAAAACC 17

RESULT 366

US-08-292-620A-1678
Sequence 1678, Application US/08292620A
Patent No. 5837542
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 533 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:

two

NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1678:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-1678

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 2.3e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 739 AAGAACCTCTCCACCG 755
DB 1 AAGAACCUCAUCCUGCG 17

RESULT 367

US-08-985-090-20
Sequence 20, Application US/08985090
Patent No. 5885893
GENERAL INFORMATION:
APPLICANT: Andrew D.J. Goodearl
TITLE OF INVENTION: MUSCARINIC RECEPTORS AND USES THEREFOR
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/985,090
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jean M. Silveri
REGISTRATION NUMBER: 39,030
REFERENCE/DOCKET NUMBER: MNI-032
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 227-7400
TELEFAX: (617) 742-4214
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-985-090-20

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 238 CCTGCAGAACCATGGAG 254
DB 1 CCTGCGGGCCCATGGAG 17

RESULT 368
US-08-101-624-21/c
; Sequence 21, Application US/08101624
; Patent No. 5942607
; GENERAL INFORMATION:
; APPLICANT: Freeman, Gordon J.
; APPLICANT: Nadler, Lee M.
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: No. 5942607el CTLA4/CD28 Ligands and
; TITLE OF INVENTION: Uses Therefor
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 60 State Street, Suite 510
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/101,624
; FILING DATE: 26-JUL-1993
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Mandragoras, Amy E.
; REGISTRATION NUMBER: 36,207
; REFERENCE/DOCKET NUMBER: RPI-004
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 227-5941
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: oligonucleotide
US-08-101-624-21

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 182 TGGGAATCCCTTTTGGC 198
Db 17 TGGGATCCATTTGGC 1

RESULT 369
US-08-485-133-14
; Sequence 14, Application US/08485133
; Patent No. 5976789
; GENERAL INFORMATION:
; APPLICANT: Allibert, Patrice A.
; APPLICANT: Cros, Philippe
; APPLICANT: Mach, Bernard F.
; APPLICANT: Mandrand, Bernard F.
; APPLICANT: Tiercy, Jean-Marie
; TITLE OF INVENTION: SYSTEM OF PROBES ENABLING HLA-DR TYPING
; TITLE OF INVENTION: TO BE PERFORMED, AND TYPING METHOD USING SAID PROBES
; NUMBER OF SEQUENCES: 81
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OLIFF & BERRIDGE
; STREET: P.O. Box 19928

CITY: Alexandria
STATE: Virginia
ZIP: 22320
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/485,133
FILING DATE: 7-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/030,143
FILING DATE: 11-MAR-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Berridge, William P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WFB 28596A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6400
TELEFAX: 703-836-2787
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-485-133-14

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 693 AGCGGAGGAGAGAGTG 709
Db 1 ACCAGGAGGAGACGTG 17

RESULT 370
US-08-985-162-136/c
; Sequence 136, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/985,162
FILING DATE: 04 December 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/036,476

;
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 136:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-985-162-136

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 678 CATCTTTGGAGAGTCAG 694
DB 17 CATTTATGGAGAGTCAG 1

RESULT 371
US-08-479-744A-21/c
; Sequence 21, Application US/08479744A
; Patent No. 6084067
; GENERAL INFORMATION:
; APPLICANT: Freeman, Gordon J.
; APPLICANT: Nadler, Lee M.
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: No. 6084067el CTLA4/CD28 Ligands and
; NUMBER OF SEQUENCES: 55
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 60 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION NUMBER: US/08/479,744A
; FILING DATE: June 7, 1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/280,757
; FILING DATE: 28-JUL-1994
; APPLICATION NUMBER: 08/109,393
; FILING DATE: 28-AUG-1993
; APPLICATION NUMBER: 08/101,624
; FILING DATE: 26-JULY-1993
; APPLICATION NUMBER: 08/147,773
; FILING DATE: 3-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Mandragoras, Amy E.
; REGISTRATION NUMBER: 36,207
; REFERENCE/DOCKET NUMBER: RPI-004CP3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 227-5941
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid

;
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: oligonucleotide
; US-08-479-744A-21

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 182 TGGGAATCCCTTTTGCC 198
DB 17 TGGGGAATCCATTTGGC 1

RESULT 372
US-09-165-543-21
; Sequence 21, Application US/09165543
; Patent No. 6093545
; GENERAL INFORMATION:
; APPLICANT: Andrew D.J. Goodearl and Sandra Glucksman
; TITLE OF INVENTION: Muscarinic Receptors and Uses Therefor
; NUMBER OF SEQUENCES: 39
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION NUMBER: US/09/165,543
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/042,780
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Elizabeth A. Hanley
; REGISTRATION NUMBER: 33,505
; REFERENCE/DOCKET NUMBER: MNI-032CP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)742-4214
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; US-09-165-543-21

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 238 CCTGCAGAACCATGGAG 254
DB 1 CCTGCGGGCCATGGAG 17

RESULT 373
US-08-280-757B-21/c
; Sequence 21, Application US/08280757B
; Patent No. 6130316
; GENERAL INFORMATION:
; APPLICANT: Freeman, Gordon J.
; APPLICANT: Nadler, Lee M.

APPLICANT: Gray, Gary S.
APPLICANT: Greenfield, Edward
TITLE OF INVENTION: No. 6130316el CTLA4/CD28 Ligands and
TITLE OF INVENTION: Uses Therefor
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
STREET: 60 State Street, Suite 510
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/280,757B
FILING DATE: 26-JUL-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/101,624
FILING DATE: 26-JULY-1993
APPLICATION NUMBER: 08/109,393
FILING DATE: 19-AUG-1993
APPLICATION NUMBER: 08/147,773
FILING DATE: 3-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Mandragoras, Amy E.
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: RPI-004CP2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 227-7400
TELEFAX: (617) 227-5941
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: oligonucleotide
US-08-280-757B-21

Query Match 0.7% Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 182 TGGGAATCCCTTTTGGC 198
||| ||| ||| ||| |||
Db 17 TGGGGATCCATTTTGGC 1

RESULT 374
US-09-071-845-1678
Sequence 1678, Application US/09071845
Patent No. 6132967
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLESCULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700

CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1678:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-071-845-1678

Query Match 0.7% Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 2.3e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 739 AAGAACCTCTTCCACCG 755
||||| ||| |||
Db 1 AAGAACCCUCCUCCUGCG 17

RESULT 375
US-08-875-573-15/c
Sequence 15, Application US/08875573
Patent No. 6150132
GENERAL INFORMATION:
APPLICANT: Wells, Timothy N.C.
APPLICANT: Power, Christine A.
TITLE OF INVENTION: A CHEMOKINE RECEPTOR ABLE TO BIND TO
TITLE OF INVENTION: MCP-1, MIP-1 ALPHA AND/OR RANTES. ITS USES
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSEE: NIXON & VANDERHVE P.C.
STREET: 1100 No. 6150132th Glebe Rd. 8th floor
CITY: Arlington
STATE: VA
COUNTRY: USA
ZIP: 22201-4741
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/875,573
FILING DATE: 31-OCT-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:

```
/ APPLICATION NUMBER: PCT/GB96/00143
/ FILING DATE: 24-JAN-1996
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: GB 9501683.8
/ FILING DATE: 27-JAN-1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Wilson, Mary J.
/ REGISTRATION NUMBER: 32,955
/ REFERENCE/DOCKET NUMBER: 1430-172
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 703-816-4000
/ TELEFAX: 703-816-4100
/ INFORMATION FOR SEQ ID NO: 15:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ DESCRIPTION: /desc = "primer"
US-08-875-573-15

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e-02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1024 CCTGAGAGCTTCAGC 1040
Db 17 CCTGAAGAGCTTCAGC 1

RESULT 376
US-09-021-701-57
Sequence 57, Application US/09021701
Patent No. 6251588
GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
APPLICANT: Wolber, Paul K.
APPLICANT: Delenstarr, Glenda C.
APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release H1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 57:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
```

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/ MOLECULE TYPE: cDNA
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
US-09-021-701-57

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1571 TGCCCCACTGGCCAGAG 1587
Db 1 TGCCCCACACGGGCGGTG 17

RESULT 377
US-08-980-832-57/c
Sequence 57, Application US/08980832B
Patent No. 6291204
GENERAL INFORMATION:
APPLICANT: Pasamontes, Luis
APPLICANT: Tsygankov, Yuri
TITLE OF INVENTION: Improved Fermentative Carotenoid Production
FILE REFERENCES: Improved Fermentative Carotenoid
CURRENT APPLICATION NUMBER: US/08/980,832B
CURRENT FILING DATE: 1997-12-01
NUMBER OF SEQ ID NOS: 66
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 57
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primet crtW100
US-08-980-832-57

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 2.3e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy 113 CCGTGCATGCGCAAGTG 129
Db 17 CCGTGCATGCGTCRTG 1

RESULT 378
US-08-584-040-1925
Sequence 1925, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lycin & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
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;/ CURRENT APPLICATION DATA:
;/ APPLICATION NUMBER: US/08/584,040
;/ FILING DATE: January 11, 1996
;/ CLASSIFICATION: 514
;/ PRIOR APPLICATION DATA:
;/ APPLICATION NUMBER: 60/005,974
;/ FILING DATE: October 26, 1995
;/ ATTORNEY/AGENT INFORMATION:
;/ NAME: Warburg, Richard J.
;/ REGISTRATION NUMBER: 32,327
;/ REFERENCE/DOCKET NUMBER: 218/064
;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: (213) 489-1600
;/ TELEFAX: (213) 955-0440
;/ TELEX: 67-3510
;/ INFORMATION FOR SEQ ID NO: 1925:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 17 base pairs
;/ TYPE: nucleic acid
;/ STRANDEDNESS: single
;/ TOPOLOGY: linear
;/ US-08-584-040-1925

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 2.3e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 452 GAGGGGGCTGATGGTG 458
Db 1 GAGGGCCUCUGAUGGUG 17

RESULT 379
US-08-584-040-4022/c
;/ Sequence 4022, Application US/08584040
;/ Patent No. 6346398
;/ GENERAL INFORMATION:
;/ APPLICANT: Pavco, Pamela
;/ APPLICANT: McSwiggen, James
;/ APPLICANT: Stinchcomb, Dan T.
;/ APPLICANT: Escobedo, Jaime
;/ TITLE OF INVENTION: METHOD AND REAGENT FOR THE
;/ TITLE OF INVENTION: TREATMENT OF DISEASES OR
;/ TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
;/ TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
;/ TITLE OF INVENTION: GROWTH FACTOR
;/ NUMBER OF SEQUENCES: 8502
;/ CORRESPONDENCE ADDRESS:
;/ ADDRESSEE: Lyon & Lyon
;/ STREET: 633 West Fifth Street
;/ CITY: Suite 4700
;/ CITY: Los Angeles
;/ STATE: California
;/ COUNTRY: U.S.A.
;/ ZIP: 90071-2066
;/ COMPUTER READABLE FORM:
;/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;/ MEDIUM TYPE: storage
;/ COMPUTER: IBM Compatible
;/ OPERATING SYSTEM: IBM P.C. DOS 5.0
;/ SOFTWARE: Word Perfect 5.1
;/ CURRENT APPLICATION DATA:
;/ APPLICATION NUMBER: US/08/584,040
;/ FILING DATE: January 11, 1996
;/ CLASSIFICATION: 514
;/ PRIOR APPLICATION DATA:
;/ APPLICATION NUMBER: 60/005,974
;/ FILING DATE: October 26, 1995
;/ ATTORNEY/AGENT INFORMATION:
;/ NAME: Warburg, Richard J.
;/ REGISTRATION NUMBER: 32,327
;/ REFERENCE/DOCKET NUMBER: 218/064
;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: (213) 489-1600
;/ TELEFAX: (213) 955-0440
;/ TELEX: 67-3510
;/ INFORMATION FOR SEQ ID NO: 4084:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 17 base pairs
;/ TYPE: nucleic acid
;/ STRANDEDNESS: single
;/ TOPOLOGY: linear
;/ US-08-584-040-4084

Query Match

0.7%; Score 12.2; DB 1; Length 17;

;/ TELEPHONE: (213) 489-1600
;/ TELEFAX: (213) 955-0440
;/ TELEX: 67-3510
;/ INFORMATION FOR SEQ ID NO: 4022:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 17 base pairs
;/ TYPE: nucleic acid
;/ STRANDEDNESS: single
;/ TOPOLOGY: linear
;/ US-08-584-040-4022

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 155 GATTTCACAGCCTGTG 171
Db 17 GATTGGCAGAGGCTGTG 1

RESULT 380
US-08-584-040-4084/c
;/ Sequence 4084, Application US/08584040
;/ Patent No. 6346398
;/ GENERAL INFORMATION:
;/ APPLICANT: Pavco, Pamela
;/ APPLICANT: McSwiggen, James
;/ APPLICANT: Stinchcomb, Dan T.
;/ APPLICANT: Escobedo, Jaime
;/ TITLE OF INVENTION: METHOD AND REAGENT FOR THE
;/ TITLE OF INVENTION: TREATMENT OF DISEASES OR
;/ TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
;/ TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
;/ TITLE OF INVENTION: GROWTH FACTOR
;/ NUMBER OF SEQUENCES: 8502
;/ CORRESPONDENCE ADDRESS:
;/ ADDRESSEE: Lyon & Lyon
;/ STREET: 633 West Fifth Street
;/ CITY: Suite 4700
;/ CITY: Los Angeles
;/ STATE: California
;/ COUNTRY: U.S.A.
;/ ZIP: 90071-2066
;/ COMPUTER READABLE FORM:
;/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;/ MEDIUM TYPE: storage
;/ COMPUTER: IBM Compatible
;/ OPERATING SYSTEM: IBM P.C. DOS 5.0
;/ SOFTWARE: Word Perfect 5.1
;/ CURRENT APPLICATION DATA:
;/ APPLICATION NUMBER: US/08/584,040
;/ FILING DATE: January 11, 1996
;/ CLASSIFICATION: 514
;/ PRIOR APPLICATION DATA:
;/ APPLICATION NUMBER: 60/005,974
;/ FILING DATE: October 26, 1995
;/ ATTORNEY/AGENT INFORMATION:
;/ NAME: Warburg, Richard J.
;/ REGISTRATION NUMBER: 32,327
;/ REFERENCE/DOCKET NUMBER: 218/064
;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: (213) 489-1600
;/ TELEFAX: (213) 955-0440
;/ TELEX: 67-3510
;/ INFORMATION FOR SEQ ID NO: 4084:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 17 base pairs
;/ TYPE: nucleic acid
;/ STRANDEDNESS: single
;/ TOPOLOGY: linear
;/ US-08-584-040-4084

Query Match

0.7%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Caps 0;

Qy 257 TTGTGAAGAATGCCACC 273
|||
Db 17 TTATGAAAAATGCCTCC 1

RESULT 391
US-08-584-040-4309/c
; Sequence 4309, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENTS OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:

Query Match	0.7%	Score 12.2;	DB 1;	Length 17;
Best Local Similarity	82.4%;	Pred. No. 2.3e+02;		
Matches 14;	Conservative	0;	Mismatches 3;	Indels 0;
				Gaps 0;

Qy 79 GGGGCACATCCGTCCTC 95
|||
Db 17 GGGTCACATCTTCCTC 1

RESULT 382
US-08-584-040-5584
; Sequence 5584, Application US/08584040
; Patent No. 6346398

GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggan, James
APPLICANT: Sainchomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 2.3e+02;
Matches 11: Conservative 3; Mismatches 3; Indels

968 GAGAGAGTCAACCCCTT 984
||| | : ||| | ::
1 GAGAGGGUACAUCUCCUU 17

RESULT 383
US-08-584-040-6005/c
; Sequence 6005, Application US/08584040
; Patent No. 6346398

```
ADDRESSSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 6005:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-7397

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 227 CTCACCCGAGCTTGA 243
DB 17 CTCACCCAGAGCCAGCA 1

RESULT 384
US-08-584-040-7397
Sequence 7397, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
```

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SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 7397:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-7397

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 2.3e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 322 TCAGAGCTATTACAAA 338
DB 1 UCAGGCUAUUUAAAAA 17

RESULT 385
US-08-584-040-7563/c
Sequence 7563, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
```

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 7563:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-584-040-7563

Query Match 0.7%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 2.3e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 791 TTCTGTGAAGAGGT 807
 Db 17 TTCTGTGAAGAGGT 1

RESULT 386
 US-08-584-040-7609
 ; Sequence 7609, Application US/08584040
 ; Patent No. 6346398
 ; GENERAL INFORMATION:
 ; APPLICANT: Pavco, Pamela
 ; APPLICANT: McSwiggen, James
 ; APPLICANT: Stinchcomb, Dan T.
 ; APPLICANT: Escobedo, Jaime
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 ; TITLE OF INVENTION: TREATMENT OF DISEASES OR
 ; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
 ; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
 ; NUMBER OF SEQUENCES: 8502
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071-2066
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: Word Perfect 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/584,040
 ; FILING DATE: January 11, 1996
 ; CLASSIFICATION: 514
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 60/005,974
 ; FILING DATE: October 26, 1995
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard J.
 ; REGISTRATION NUMBER: 32,327
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 7609:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 17 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 US-08-584-040-7609

Query Match 0.7%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 64.7%; Pred. No. 2.3e+02;
 Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 452 GAGGGGGCTGATGGTG 468
 Db 1 GAGGGCCUCUGAUGGUG 17

RESULT 387
 US-08-584-040-7636/c
 ; Sequence 7636, Application US/08584040
 ; Patent No. 6346398
 ; GENERAL INFORMATION:
 ; APPLICANT: Pavco, Pamela
 ; APPLICANT: McSwiggen, James
 ; APPLICANT: Stinchcomb, Dan T.
 ; APPLICANT: Escobedo, Jaime
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 ; TITLE OF INVENTION: TREATMENT OF DISEASES OR
 ; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
 ; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
 ; NUMBER OF SEQUENCES: 8502
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071-2066
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: Word Perfect 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/584,040
 ; FILING DATE: January 11, 1996
 ; CLASSIFICATION: 514
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 60/005,974
 ; FILING DATE: October 26, 1995
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard J.
 ; REGISTRATION NUMBER: 32,327
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 7636:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 17 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 US-08-584-040-7636

Query Match 0.7%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 2.3e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 446 TCCACGGAGGGGGCTG 462
 Db 17 TCCATGCTGAGGGGCTG 1

RESULT 388
 US-08-584-040-7758
 ; Sequence 7758, Application US/08584040

```
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TREATMENT OF DISEASES OR
; CONDITIONS RELATED TO LEVELS
; OF VASCULAR ENDOTHELIAL
; GROWTH FACTOR
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7758:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-7758

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 2.3e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 487 GATGGCTGCCCCCTGC 503
Db 1 CGUGGGCUCCCCCUUGC 17

RESULT 389
US-08-679-645-192
; Sequence 192, Application US/08679645
; Patent No. 6350934
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; APPLICANT: Edington, Brent E.
; APPLICANT: McSwiggen, James A.
; APPLICANT: Merlo, Patricia Ann Owens
; APPLICANT: Guo, Lining
; APPLICANT: Skokut, Thomas A.
; APPLICANT: Young, Scott A.
; APPLICANT: Folkerts, Otto
; APPLICANT: Merlo, Donald J.
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; MODULATION OF GENE EXPRESSION
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700

; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TREATMENT OF DISEASES OR
; CONDITIONS RELATED TO LEVELS
; OF VASCULAR ENDOTHELIAL
; GROWTH FACTOR
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/679,645
; FILING DATE: July 12, 1996
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 192:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-679-645-192

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 2.3e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 1441 GAGCTCTTCTCGCTTT 1457
Db 1 GAGCUCAUCUCCGGCAU 17

RESULT 390
US-08-679-645-880
; Sequence 880, Application US/08679645
; Patent No. 6350934
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; APPLICANT: Edington, Brent E.
; APPLICANT: McSwiggen, James A.
; APPLICANT: Merlo, Patricia Ann Owens
; APPLICANT: Guo, Lining
; APPLICANT: Skokut, Thomas A.
; APPLICANT: Young, Scott A.
; APPLICANT: Folkerts, Otto
; APPLICANT: Merlo, Donald J.
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; MODULATION OF GENE EXPRESSION
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
```

CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/679,645
 FILING DATE: July 12, 1996
 CLASSIFICATION: 800
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 60/001,135
 FILING DATE: July 13, 1995
 APPLICATION NUMBER: 08/300,726
 FILING DATE: September 2, 1994
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 219/247
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 880:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-679-645-880

Query Match 0.7%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 17.6%; Pred. No. 2.3e+02;
 Matches 3; Conservative 11; Mismatches 3; Indels 0; Gaps 0;

QY 711 CTCGTCTCTGTTTGT 727
 DB 1 CUUUUUUUUUUUUU 17

RESULT 391
 US-08-420-672-12
 Sequence 12, Application US/08420672
 Patent No. 6372427
 GENERAL INFORMATION:
 APPLICANT: Kandimala, Ekambar R.
 APPLICANT: Agrawal, Sudhir
 TITLE OF INVENTION: COOPERATIVE OLIGONUCLEOTIDES
 NUMBER OF SEQUENCES: 24
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lappin & Kusner
 STREET: 200 State Street
 CITY: Boston
 STATE: MA
 COUNTRY: USA
 ZIP: 02109
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/420,672
 FILING DATE:
 CLASSIFICATION: 514
 ATTORNEY/AGENT INFORMATION:
 NAME: Kerner, Ann-Louise
 REGISTRATION NUMBER: 33,523
 REFERENCE/DOCKET NUMBER: HY2-027

TELECOMMUNICATION INFORMATION:
 TELEPHONE: 617-330-1300
 TELEFAX: 617-330-1311
 INFORMATION FOR SEQ ID NO: 12:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 HYPOHETICAL: NO
 ANTI-SENSE: YES
 US-08-420-672-12

Query Match 0.7%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 2.3e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 52 GCCACTCTCTCTGCTTC 68
 DB 1 GCCGCTCTCTCTCTTC 17

RESULT 392
 US-09-340-861-83
 Sequence 83, Application US/09340861
 Patent No. 6432704
 GENERAL INFORMATION:
 APPLICANT: Kenneth G. Draper
 TITLE OF INVENTION: METHOD AND REAGENT FOR
 INHIBITING HERPES SIMPLEX
 TITLE OF INVENTION: VIRUS REPLICATION
 NUMBER OF SEQUENCES: 115
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 611 West Sixth Street
 CITY: Los Angeles
 STATE: California
 COUNTRY: USA
 ZIP: 90017

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
 SOFTWARE: Wordperfect (Version 5.1)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/340,861
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/07/987,133
 FILING DATE:
 APPLICATION NUMBER: 07/882,921
 FILING DATE: May 14, 1992
 APPLICATION NUMBER: 07/948,359
 FILING DATE: September 18, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 200/209
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 83:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-09-340-861-83

Query Match 0.7%; Score 12.2; DB 1; Length 17;

APPLICANT: Falese et al
TITLE OF INVENTION: IDENTIFICATION AND USE OF ANTIVIRAL COMPOUNDS THAT

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 804 AGGTGATGTCAGCCCT 820
Db 17 AGCTGATGCCAGCCCT 1

RESULT 400

US-09-474-432B-789
; Sequence 789, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleoside triphosphate and their incorporation into oligonucleotides
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT FILING DATE: 1999-12-19
; PRIOR FILING DATE: 1999-12-19
; PRIOR FILING DATE: 1997-11-05
; PRIOR FILING DATE: 1998-04-29
; PRIOR FILING DATE: 1998-04-29
; PRIOR FILING DATE: 1998-11-04
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 789
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-789

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 2.3e+02;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1558 AATGGGAGCGGTGCC 1574
Db 1 AAGGGGAGCGGTGCC 17

RESULT 401

US-09-371-772B-470
; Sequence 470, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT FILING DATE: 1999-08-10
; PRIOR FILING DATE: 1995-10-26
; PRIOR FILING DATE: 1995-10-26
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 470
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-470

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 2.3e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 452 GAGGGGGCTGATGGTG 468
Db 1 GAGGGCCUCUGAGGUG 17

RESULT 402

US-09-371-772B-1789/C
; Sequence 1789, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT FILING DATE: 1999-08-10
; PRIOR FILING DATE: 1995-10-26
; PRIOR FILING DATE: 1995-10-26
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1789
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1789

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 155 GATTGGCAGCCCTGTG 171
Db 17 GATTGGCAGAGCGCTGTG 1

RESULT 403

US-09-371-772B-1851/C
; Sequence 1851, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT FILING DATE: 1999-08-10
; PRIOR FILING DATE: 1995-10-26
; PRIOR FILING DATE: 1995-10-26
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1851

; ORGANISM: Mus sp.
US-09-371-772B-3205

```
Query Match      0.78; Score 12.2; DB 1; Length 17;
Best Local Similarity 52.9%; Frd.No.2.3e+02;
Matches 9; Conservative 5; Mismatches 0; Gaps 0;

QY      322 TCAGAGCTATTACAAA 338
       :|||::|:
Db      1 UCAGGCUAUUAAAAA 17
```

RESULT 408
US-09-371-772B-3359/c
; Sequence 3359, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to the Growth of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: WHEB00 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3359
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3359

Query Match	0.7%	Score 12.2;	DB 1;	Length 17;
Best Local Similarity	82.4%;	Pred. No. 2.3e+02;		
Matches 14;	Conservative 0;	Mismatches 3;	Indels 0;	Gaps 0;
Qy	791	TTCTGTCGAAGAAAGGT	807	
Dd	17	TTCTCATCAAGAGAGTT	1	

RESULT 409
US-09-371-772B-3428/c
Sequence 3428, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Steinicomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to the Regulation of the Expression of the Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00, 876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/594,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patentin version 3.0
SEQ ID NO 3428
LENGTH: 17
TYPE: RNA
ORGANISM: Mus sp.

US-09-371-772B-3428

```

Query Match          0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. NO. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 445 TCCACGGAGGGGGCTG 462
      |||||
Db 17 TCCATGCTGAGGGGCTG 1

```

RESULT 410
 US-09-371-772B-3542
 ; Sequence 3542, Application US/09371772B
 ; Patent No. 6566127
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Pavco, Pam
 ; APPLICANT: McSwiggen, Jim
 ; APPLICANT: Stinchcomb, Dan
 ; APPLICANT: Escobedo, Jaime
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
 ; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
 ; FILE REFERENCE: MBH800.876-J (237/198)
 ; CURRENT APPLICATION NUMBER: US/09/371,772B
 ; CURRENT FILING DATE: 1999-08-10
 ; PRIOR APPLICATION NUMBER: US 60/005,974
 ; PRIOR FILING DATE: 1995-10-26
 ; PRIOR APPLICATION NUMBER: US 08/584,040
 ; PRIOR FILING DATE: 1996-01-08
 ; NUMBER OF SEQ ID NOS: 14225
 ; SOFTWARE: Patentin version 3.0
 ; SEQ ID NO 3542
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Mus sp.
 US-09-371-772B-3542

```

Query Match          0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. NO. 2.3e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

Qy      487  GATGGGCTGGCCCTTGC 503
          | | | | |
Db      1    GATGGGCTGGCCCTTGC 17

```

RESULT 411
 US-09-371-772B-4201/c
 ; Sequence 4201, Application US/09371772B
 ; Patent No. 6566127
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Pavco, Pam
 ; APPLICANT: McSwiggen, Jim
 ; APPLICANT: Stinchcomb, Dan
 ; APPLICANT: Escobedo, Jaime
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
 ; ; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
 ; FILE REFERENCE: MBH900.876-J (237/199)
 ; CURRENT APPLICATION NUMBER: US/09/371,772B
 ; CURRENT FILING DATE: 1999-08-10
 ; PRIOR APPLICATION NUMBER: US 60/005,974
 ; PRIOR FILING DATE: 1995-10-26
 ; PRIOR APPLICATION NUMBER: US 08/594,040
 ; PRIOR FILING DATE: 1996-01-08
 ; NUMBER OF SEQ ID NOS: 14225
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 4201
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-09-371-772B-4201

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1632 GCGGCCCGAGAGCTGA 1648
DB 17 GGTGTCCTCCAGTAGCTGA 1

RESULT 412
US-09-371-772B-4504
; Sequence 4504, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 4504
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4504

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 47.1%; Pred. No. 2.3e+02;
Matches 8; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 41 CCTTATCTGCGCACT 57
DB 1 CCUUUAUCCUGGAUGCU 17

RESULT 413
US-09-371-772B-4719
; Sequence 4719, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 4719
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4719

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 2.3e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 903 AGAGAGCTCTTGAGA 919
DB 1 AGAGGGCCUUUGGAAA 17

RESULT 414
US-09-371-772B-4761
; Sequence 4761, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 4761
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4761

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 2.3e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 451 GGAGGGGGCTGATGGT 467
DB 1 GGAGGGCCUCUGAUGGU 17

RESULT 415
US-09-371-772B-4970
; Sequence 4970, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 4970
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4970

Query Match 0.7%; Score 12.2; DB 1; Length 17;

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Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 3; Gaps 0;

QY 1400 CAGACATGAACCCCAAG 1416
Db 1 CUGACGCAACCCCAAG 17

RESULT 416
US-09-371-772B-5022
; Sequence 5022, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5022
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5022

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 84.7%; Pred. No. 2.3e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 223 TTACTCCAGCGCAGCC 239
Db 1 UGUACUCCACCCACCC 17

RESULT 417
US-09-371-772B-5114/c
; Sequence 5114, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5114
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5114

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 3; Gaps 0;

QY 1564 GAAGGGCTGCCCCACTG 1580
Db 17 GCAGGGCTGCCCCACTG 1

RESULT 418
US-09-371-772B-5164
; Sequence 5164, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5164
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5164

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 2.3e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 613 GTGGCTGCCCTGCGCTG 629
Db 1 GUGGCUCCACGACUCUG 17

RESULT 419
US-09-371-772B-5179
; Sequence 5179, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5179
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5179

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```


Db 17 AGACATTCAGGCTGAAA 1

RESULT 424

US-09-371-772B-6231
; Sequence 6231, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6231
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6231

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 2.3e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

Qy 362 ACCTCTGCTGTCATGGT 878

Db 1 AGCUAUGCGGCGUGGU 17

RESULT 425

US-09-371-772B-6459/C
; Sequence 6459, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6459
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6459

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 156 ATTTGCACAGCCTGTGG 172

Db 17 ATTTGCACAGCCTGTGG 172

Db 17 ATTTGCACAGGCTGTGG 1

RESULT 426

US-09-371-772B-6460/C
; Sequence 6460, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6460
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6460

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 154 GGATTTGCACAGCCTGT 170

Db 17 GGATTTGCACAGGCTGT 1

RESULT 427

US-09-371-772B-6510/C
; Sequence 6510, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6510
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6510

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 461 TGATGTTGGTGCGCA 477

Db 17 TGATGTTGGTGCGCA 1

RESULT 428

US-09-371-772B-6693/C
; Sequence 6693, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6693
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6693

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 426 GCTGCGGTCGTGTGT 442
DB 17 GCTACTGGTGTGTGT 1

RESULT 429

US-09-371-772B-6848
; Sequence 6848, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6848
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6848

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1586 AGTACACCCAGAGGAA 1602
DB 1 AGAAGAACCAGAGGAA 17

RESULT 430

US-09-371-772B-6853
; Sequence 6853, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions ;
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6853
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6853

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1583 CAGAGTACACCCAGAG 1599
DB 1 CAGAUGACACCCAGAG 17

RESULT 431

US-09-593-323-45
; Sequence 45, Application US/09593323
; Patent No. 6265213
; GENERAL INFORMATION:
; APPLICANT: Morgan, Antony R.
; APPLICANT: Severini, Alberto
; TITLE OF INVENTION: Compositions and Methods for Determining the Activity
; TITLE OF INVENTION: of DNA-Binding Proteins and of Initiation of
; TITLE OF INVENTION: Transcription
; FILE REFERENCE: DNAB-02921
; CURRENT APPLICATION NUMBER: US/09/593,323
; CURRENT FILING DATE: 2000-06-13
; PRIOR APPLICATION NUMBER: 09/344,300
; PRIOR FILING DATE: 1999-06-24
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 45
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-593-323-45

Query Match 0.7%; Score 12; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 927 GAAATGAATTT 938
DB 1 GAAATGAATTT 12

RESULT 432

US-09-594-108-45

```
; Sequence 45, Application US/09594108
; Patent No. 6284468
; GENERAL INFORMATION:
; APPLICANT: Morgan, Antony R.
; TITLE OF INVENTION: Compositions and Methods for Determining the Activity
; of DNA-Binding Proteins and of Initiation of
; Transcription
; FILE REFERENCE: DNAB-02921
; CURRENT APPLICATION NUMBER: US/09/594,108
; PRIOR FILING DATE: 2000-06-13
; PRIOR APPLICATION NUMBER: 09/344,300
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 45
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; US-09-594-108-45

Query Match 0.7%; Score 12; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 927 GAAATGAAATT 938
| | | | | | | |
DB 1 GAAATGAAATT 12

RESULT 433
US-09-344-300-45
; Sequence 45, Application US/09344300B
; Patent No. 6297013
; GENERAL INFORMATION:
; APPLICANT: Morgan, Antony R.
; TITLE OF INVENTION: Compositions and Methods for Determining the Activity
; of DNA-Binding Proteins and of Initiation of
; Transcription
; FILE REFERENCE: DNAB-02921
; CURRENT APPLICATION NUMBER: US/09/344,300B
; PRIOR FILING DATE: 1999-06-24
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 45
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; US-09-344-300-45

Query Match 0.7%; Score 12; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 927 GAAATGAAATT 938
| | | | | | | |
DB 1 GAAATGAAATT 12

RESULT 434
US-08-882-046-77
; Sequence 77, Application US/08882046
; Patent No. 6136952
; GENERAL INFORMATION:
; APPLICANT: Li, Linheng
; TITLE OF INVENTION: Hood, Leroy
; FILE REFERENCE: Krantz, Ian D.
; CURRENT APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
```

```
; TITLE OF INVENTION: Human Jagged Polypeptide, Encoding
; Nucleic Acids and Methods of Use
; NUMBER OF SEQUENCES: 110
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/882,046
; FILING DATE: 25-JUN-1997
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-UW 2637
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 77:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-882-046-77

Query Match 0.7%; Score 12; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 770 GTGGCGTGGCC 781
| | | | | | | |
DB 2 GTGGCGTGGCC 13

RESULT 435
US-08-985-162-1824
; Sequence 1824, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwigger, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; OF DISEASES OR CONDITIONS RELATED
; TO LEVELS OF EPIDERMAL GROWTH
; FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
```

```
; CLASSIFICATION: 514
; PRIOR APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/911,894
; FILING DATE: Concurrently Herewith
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/023,579
; FILING DATE: 19-AUG-1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Mayfield, Denise L.
; REGISTRATION NUMBER: 33,732
; REFERENCE/DOCKET NUMBER: 43496.0006
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (512) 499-6200
; TELEFAX: (512) 499-6290
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-911-894-15

Query Match 0.7%; Score 12; DB 1; Length 14;
Best Local Similarity 75.0%; Pred. No. 1.7e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Qy 841 ACTGCTGGTGC 852
Db 3 ACUGGUGGUGC 14

RESULT 436
US-09-043-123-5
; Sequence 5, Application US/09043123A
; Patent No. 6096521
; GENERAL INFORMATION:
; APPLICANT: HAAS, Rainer
; APPLICANT: ODENBREIT, Stefan
; APPLICANT: MEYER, Thomas F.
; APPLICANT: BLUM, Andre
; APPLICANT: CORTESY-THULAZ, Irene
; TITLE OF INVENTION: NEW ADHESIN FROM HELICOBACTER PYLORI
; FILE REFERENCE: 05648004
; CURRENT APPLICATION NUMBER: US/09/043,123A
; CURRENT FILING DATE: 1998-06-26
; EARLIER APPLICATION NUMBER: DE/195 35 321.8
; EARLIER FILING DATE: 1995-09-22
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 5
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; US-09-043-123-5

Query Match 0.7%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 517 GTGGTGGTGGTG 528
Db 4 GTGGTGGTGGTG 15

RESULT 437
US-08-911-894-15/c
; Sequence 15, Application US/08911894
; Patent No. 6030830
; GENERAL INFORMATION:
; APPLICANT: Saxon, Andrew
; APPLICANT: Zhang, Ke
; APPLICANT: Fujieda, Shigeharu
; TITLE OF INVENTION: IMMUNOGLOBULIN TRANS-SPICED TRANSCRIPTS
; NUMBER OF SEQUENCES: 90
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Akin, Gump, Strauss, Hauer & Feld
; STREET: 816 Congress Avenue, Suite 1900
; CITY: Austin
; STATE: Texas
; COUNTRY: USA
; ZIP: 78701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/911,894
; FILING DATE: Concurrently Herewith
; CLASSIFICATION: 536
```

```

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/023,579
; FILING DATE: 19-AUG-1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Mayfield, Denise L.
; REGISTRATION NUMBER: 33,732
; REFERENCE/DOCKET NUMBER: 43496.0006
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (512) 499-6200
; TELEFAX: (512) 499-6290
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-911-894-16

Query Match 0.7%; Score 12; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1003 GGGATGCTGCTG 1014
DB 3 GGGATGCTGCTG 14

RESULT 439
US-09-371-772B-5768/C
; Sequence 5768, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MEHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5768
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-371-772B-5768

Query Match 0.7%; Score 12; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 2.3e-02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1403 ACATGAACCCA 1414
DB 12 ACATGAACCCA 1

RESULT 440
US-08-152-313-61
; Sequence 61, Application US/08152313
; Patent No. 5561041
; GENERAL INFORMATION:
; APPLICANT: Sidransky, David
; TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY
; TITLE OF INVENTION: ANALYSIS OF SPUTUM
; NUMBER OF SEQUENCES: 128

; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Spensley Horn Juba & Lubitz
; STREET: 1880 Century Park East, Suite 500
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/152,313
; FILING DATE: 12-NOV-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Wetherell, Jr., Ph.D., John R.,
; REGISTRATION NUMBER: 31,678
; REFERENCE/DOCKET NUMBER: PD-2912
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 455-5100
; TELEFAX: (619) 455-5110
; INFORMATION FOR SEQ ID NO: 61:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..17
; US-08-152-313-61

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 472 GCGGATCAACC 483
DB 2 GCGGATCAACC 13

RESULT 441
US-08-192-300-6
; Sequence 6, Application US/08192300
; Patent No. 5580759
; GENERAL INFORMATION:
; APPLICANT: Yang, Yih-Sheng
; APPLICANT: Tucker, Philip W.
; APPLICANT: Capra, J. Donald
; TITLE OF INVENTION: CONSTRUCTION OF RECOMBINANT DNA BY
; TITLE OF INVENTION: EXONUCLEASE RESECTION
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII-DOS
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/192,300
; FILING DATE: February 3, 1994
; CLASSIFICATION: 535
; ATTORNEY/AGENT INFORMATION:
; NAME: Denise L. Mayfield
```

REGISTRATION NUMBER: 33,732
REFERENCE/DOCKET NUMBER: UTSD:327
TELEPHONE: (512) 320-7200
TELEFAX: (512) 474-7577
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: Nucleic acid
STRANDEDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: Oligonucleotide
US-08-192-300-6

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 517 GTGGTGGTGGTG 528
Db 5 GGGTGGTGGTG 16

RESULT 442
US-08-579-223-61
Sequence 61, Application US/08579223
Patent No. 5726019
GENERAL INFORMATION:
APPLICANT: Sidransky, David
TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY
ANALYSIS OF SPUTUM
NUMBER OF SEQUENCES: 128
CORRESPONDENCE ADDRESS:
ADDRESSEE: Spensley Horn Jubas & Lubitz
STREET: 1880 Century Park East, Suite 500
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90067
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/579,223
FILING DATE: 28-DEC-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/152,313
FILING DATE: 12-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Wetherell, Jr., Ph.D., John R.,
REGISTRATION NUMBER: 31,678
REFERENCE/DOCKET NUMBER: PD-2912
TELEPHONE: (619) 455-5100
TELEFAX: (619) 455-5110
INFORMATION FOR SEQ ID NO: 61:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 1..17
US-08-579-223-61

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 472 GCGGCATCAACC 483
Db 2 GCGGCATCAACC 13

RESULT 443
US-08-687-662A-1
Sequence 1, Application US/08687662A
Patent No. 5853990
GENERAL INFORMATION:
APPLICANT: DAVID E. HARGROVE, EDWARD E. WINGER AND
APPLICANT: DONALD J. KESSLER
TITLE OF INVENTION: REAL TIME HOMOGENEOUS NUCLEIC ACID
ASSAY
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: CROSBY HEAPEY ROACH & MAY
STREET: 1999 HARRISON ST
CITY: OAKLAND
STATE: CA
COUNTRY: USA
ZIP: 94612
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: WIN 3.11
SOFTWARE: WORDPERFECT 6.1 / ASCII DOS TEXT
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/687,662A
FILING DATE: 07/26/96
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: KOENIG, NATHAN P.
REGISTRATION NUMBER: 38,210
REFERENCE/DOCKET NUMBER: 16231.00100
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 763-2000
TELEFAX: (510) 273-8832
TELEX:
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 17
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
MOLECULE TYPE: DNA
US-08-687-662A-1

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1054 CACACTGTCCCC 1065
Db 1 CACACTGTCCCC 12

RESULT 444
US-08-985-162-691
Sequence 691, Application US/08985162
Patent No. 6057156
GENERAL INFORMATION:
APPLICANT: Akhtar, Saghir
APPLICANT: Fell, Patricia
APPLICANT: McSwiggen, James
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
OF DISEASES OR CONDITIONS RELATED
TO LEVELS OF EPIDERMAL GROWTH
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
TITLE OF INVENTION: FACTOR RECEPTORS
NUMBER OF SEQUENCES: 1877
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/985,162
FILING DATE: 04 December 1997
CLASSIFICATION: 514
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 691:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-985-162-691

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 66.7%;
Pred. No. 2.5e+02;
Matches 8; Conservative 4; Mismatches 0; Indels

QY 704 AAGTGTCTCTG 715
 ||||:|:|:|
 Db 2 AAAGUGUCUCUG 13

RESULT 445
US-08-984-709A-47
Sequence 47, Application US/08984709A
Patent No. 6320032
GENERAL INFORMATION:
APPLICANT: Williams, Mark E.
APPLICANT: Stauderman, Kenneth A.
APPLICANT: Harpold, Michael M.
TITLE OF INVENTION: HUMAN CALCIUM CHANNEL COMPOSITIONS AND
TITLE OF INVENTION: METHODS
NUMBER OF SEQUENCES: 52
CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe
STREET: 4250 Executive Square, Suite 700
CITY: La Jolla
STATE: California
COUNTRY: US
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/984,709A
FILING DATE: 02-DEC-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Seigman, Stephanie L.

```

: REGISTRATION NUMBER: 33,779
: REFERENCE/DOCKET NUMBER: 24735-98:5 (formerly 6362-98:15)
: TELECOMMUNICATION INFORMATION:
:
: TELEPHONE: (619) 450-8400
:
: TELEFAX: (619) 587-5360
:
: INFORMATION FOR SEQ ID NO: 47:
:
: SEQUENCE CHARACTERISTICS:
:
: LENGTH: 17 base pairs
:
: TYPE: nucleic acid
:
: STRANDEDNESS: single
:
: TOPOLOGY: unknown
:
: MOLECULE TYPE: cDNA
:
: HYPOTHEetical: NO
:
: ANTI-SENSE: NO
:
: FRAGMENT TYPE:
:
: ORIGINAL SOURCE:
:
: J5-08-984-709A-47

```

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 2.5e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

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Qy      1511 AGATGGTGATGAAATT 1526
          |||:|||||:|
Db      2 ARATGATGATGAAGT 17

```

```

RESULT 446
US-08-584-040-1731
: Sequence 1731, Application US/08584040
: Patent No. 6346398
:
GENERAL INFORMATION:
:
: APPLICANT: Pavco, Pamela
: APPLICANT: McSwiggen, James
: APPLICANT: Stinchcomb, Dan T.
: APPLICANT: Escobedo, Jaime
:
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
:
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
:
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Watburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
:
INFORMATION FOR SEQ ID NO: 1731:
SEQUENCE CHARACTERISTICS:

```

;
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-1731

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 58.3%; Pred. No. 2.5e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 41 CCTTTATCCTGG 52
Db 6 CCUUUAUCCUGG 17

RESULT 447

US-08-584-040-1732
; Sequence 1732, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1732:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

US-08-584-040-1732

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 58.3%; Pred. No. 2.5e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 41 CCTTTATCCTGG 52
||||:|||||

Db 5 CCUUUAUCCUGG 16

RESULT 448

US-08-584-040-1733
; Sequence 1733, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1733:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

US-08-584-040-1733

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 58.3%; Pred. No. 2.5e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 41 CCTTTATCCTGG 52
||||:|||||

Db 4 CCUUUAUCCUGG 15

RESULT 449

US-08-584-040-1734
; Sequence 1734, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime

;
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1734:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-1734

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 58.3%; Pred. No. 2.5e+02;
Matches 7; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

Qy 41 CTTTATCTCGG 52
|:::|:::|
Db 2 CCUUUAUCCUGG 13

RESULT 450
US-08-584-040-1765/c
; Sequence 1765, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514

;
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1765:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-1765

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1403 ACATGAACCCA 1414
|:::|:::|
Db 15 ACATGAACCCA 4

RESULT 451
US-08-584-040-1766/c
; Sequence 1766, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514

;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1766:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-1766

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1403 ACATGAACCCCA 1414
DB 14 ACATGAACCCCA 3

RESULT 452
US-08-584-040-1767/c
; Sequence 1767, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1767:

;
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-1767

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1403 ACATGAACCCCA 1414
DB 13 ACATGAACCCCA 2

RESULT 453
US-08-584-040-7433
; Sequence 7433, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7433:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-7433

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 58.3%; Pred. No. 2.5e+02;
Matches 7; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 41 CCTTATCTCTGG 52

Db ||:::|:|:|
6 CCUUUAUCCUGG 17

RESULT 454

US-08-584-040-7434

; Sequence 7434, Application US/08584040

; Patent No. 6346398

; GENERAL INFORMATION:

; APPLICANT: Pavco, Pamela

; APPLICANT: McSwiggen, James

; APPLICANT: Stinchcomb, Dan T.

; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: METHOD AND REAGENT FOR THE

; TITLE OF INVENTION: TREATMENT OF DISEASES OR

; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS

; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL

; TITLE OF INVENTION: GROWTH FACTOR

; NUMBER OF SEQUENCES: 8502

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; STREET: Suite 4700

; CITY: Los Angeles

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071-2066

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: Word Perfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/584,040

; FILING DATE: January 11, 1996

; CLASSIFICATION: 514

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 60/005,974

; FILING DATE: October 26, 1995

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard J.

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 218/064

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 7434:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 17 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-08-584-040-7434

Query Match

Best Local Similarity 0.7%; Score 12; DB 1; Length 17;

Matches 7; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 41 CCTTTATCCTGG 52

||:::|:|:|

Db 5 CCUUUAUCCUGG 16

RESULT 455

US-08-584-040-7435

; Sequence 7435, Application US/08584040

; Patent No. 6346398

; GENERAL INFORMATION:

; APPLICANT: Pavco, Pamela

; APPLICANT: McSwiggen, James

; APPLICANT: Stinchcomb, Dan T.

; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7435:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-7435

Query Match

Best Local Similarity 0.7%; Score 12; DB 1; Length 17;

Matches 7; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 41 CCTTTATCCTGG 52

||:::|:|:|

Db 4 CCUUUAUCCUGG 15

RESULT 456

US-08-584-040-7436

; Sequence 7436, Application US/08584040

; Patent No. 6346398

; GENERAL INFORMATION:

; APPLICANT: Pavco, Pamela

; APPLICANT: McSwiggen, James

; APPLICANT: Stinchcomb, Dan T.

; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: METHOD AND REAGENT FOR THE

; TITLE OF INVENTION: TREATMENT OF DISEASES OR

; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS

; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL

; TITLE OF INVENTION: GROWTH FACTOR

; NUMBER OF SEQUENCES: 8502

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; STREET: Suite 4700

; CITY: Los Angeles

STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 7436:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-7436

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 58.3%; Pred. No. 2.5e+02;
Matches 7; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 41 CTTTATCCGG 52
||:|:|:|:
Db 2 CCUUAUCCUGG 13

RESULT 457
US-09-593-012-106/c
Sequence 106, Application US/09593012
Patent No. 6387652
GENERAL INFORMATION:
APPLICANT: HAUGLAND, Richard
APPLICANT: VESPER, Stephen
TITLE OF INVENTION: METHOD OF IDENTIFYING AND QUANTIFYING SPECIFIC FUNGI AND BACTERIA
FILE REFERENCE: HAUGLAND-1A
CURRENT APPLICATION NUMBER: US/09/593,012
CURRENT FILING DATE: 2000-06-13
PRIOR APPLICATION NUMBER: US 09/290,990
PRIOR FILING DATE: 1999-04-14
PRIOR APPLICATION NUMBER: US 60/081,773
PRIOR FILING DATE: 1998-04-15
NUMBER OF SEQ ID NOS: 225
SOFTWARE: Patent in version 3.0
SEQ ID NO 106
LENGTH: 17
TYPE: DNA
ORGANISM: Myrothecium verrucaria/roridum
US-09-593-012-106

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1329 GGCCCGGACCA 1340
||:|:|:|:
Db 16 GGCCCGGACCA 5

RESULT 458
US-09-446-301A-31/c
Sequence 31, Application US/09446301A
Patent No. 6506893
GENERAL INFORMATION:
APPLICANT: EL SOLA, NEVINE
APPLICANT: ALLIGNET, JEANINE
TITLE OF INVENTION: POLYNUCLEOTIDES AND THEIR USE FOR DETECTING RESISTANCE
TO STREPTOGRAMIN A OR TO STREPTOGRAMIN B AND RELATED
TITLE OF INVENTION: COMPOUNDS
FILE REFERENCE: 03715-0059
CURRENT APPLICATION NUMBER: US/09/446,301A
CURRENT FILING DATE: 1999-12-20
NUMBER OF SEQ ID NOS: 51
SOFTWARE: Patent in Ver. 2.1
SEQ ID NO 31
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-446-301A-31

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 191 CTTTGGCCAGC 202
||:|:|:|:
Db 12 CTTTGGCCAGC 1

RESULT 459
US-09-474-432B-640/c
Sequence 640, Application US/09474432B
Patent No. 6528640
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Burgin, Alex
APPLICANT: Beaudry, Amber
APPLICANT: Karpeisky, Alex
APPLICANT: Adamic, Jasenka
APPLICANT: Sweedler, David
APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucle
FILE REFERENCE: MSH00-831-B (247/276)
CURRENT APPLICATION NUMBER: US/09/474,432B
CURRENT FILING DATE: 1999-12-19
PRIOR APPLICATION NUMBER: US 60/064,866
PRIOR FILING DATE: 1997-11-05
PRIOR APPLICATION NUMBER: US 60/084,727
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: US 09/186,675
PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: US 09/301,511
PRIOR FILING DATE: 1999-04-28
NUMBER OF SEQ ID NOS: 1526
SOFTWARE: Patent in version 3.0
SEQ ID NO 640
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-474-432B-640

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 863 CCTCTGCTGCA 874
||:|:|:|:
Db 15 CCTCTGCTGCA 4

RESULT 460
US-09-474-432B-718
; Sequence 718, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Agamic, Jasenka
; APPLICANT: Svedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleotides
; FILE REFERENCE: MHB00-831-B (247/276)
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 718
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-718

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 91.3%; Pred. NO. 2.5e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
QY 1565 AAGGGCTGCCCC 1576
DB 5 AAGGGCTGCCCC 16

RESULT 461
US-09-371-772B-276
; Sequence 276, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 276
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-276

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 58.3%; Pred. NO. 2.5e+02;
Matches 7; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 41 CCTTTATCTGG 52
DB 6 CCUUUACUGG 17
RESULT 462
US-09-371-772B-277
; Sequence 277, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 277
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-277

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 58.3%; Pred. NO. 2.5e+02;
Matches 7; Conservative 5; Mismatches 0; Indels 0; Gaps 0;
QY 41 CCTTTATCTGG 52
DB 5 CCUUUACUGG 16

RESULT 463
US-09-371-772B-278
; Sequence 278, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 278
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-278

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 58.3%; Pred. NO. 2.5e+02;
Matches 7; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

Qy 41 CCTTATCCTGG 52
|:|:|:|:|:
Db 4 CCUUAUCCUGG 15

RESULT 464
US-09-371-772B-279
; Sequence 279, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MEH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 279
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-279

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 58.3%; Pred. No. 2.5e+02; Indels 0; Gaps 0;
Matches 7; Conservative 5; Mismatches 0;
Qy 41 CCTTATCCTGG 52
|:|:|:|:|:
Db 2 CCUUAUCCUGG 15

RESULT 465
US-09-371-772B-310/c
; Sequence 310, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MEH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 310
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-310

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.5e+02; Indels 0; Gaps 0;
Matches 12; Conservative 0; Mismatches 0;
Qy 1403 ACATGAAACCCA 1414
|:|:|:|:|:

Db 15 ACATGAAACCCA 4
|:|:|:|:|:

RESULT 466
US-09-371-772B-311/c
; Sequence 311, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MEH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 311
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-311

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.5e+02; Indels 0; Gaps 0;
Matches 12; Conservative 0; Mismatches 0;
Qy 1403 ACATGAAACCCA 1414
|:|:|:|:|:
Db 14 ACATGAAACCCA 3

RESULT 467
US-09-371-772B-312/c
; Sequence 312, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MEH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 312
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-312

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.5e+02; Indels 0; Gaps 0;
Matches 12; Conservative 0; Mismatches 0;
Qy 1403 ACATGAAACCCA 1414
|:|:|:|:|:

Db 13 ACATGAACCCA 2

RESULT 468

US-09-371-772B-3240
; Sequence 3240, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3240
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3240

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 58.3%; Pred. No. 2.5e+02;
Matches 7; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 41 CCTTATCCTGG 52
|:|:|:|:|:|
Db 6 CCUUUAUCCUGG 17

RESULT 469

US-09-371-772B-3241
; Sequence 3241, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3241
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3241

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 58.3%; Pred. No. 2.5e+02;
Matches 7; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 41 CCTTATCCTGG 52
|:|:|:|:|:|
Db 5 CCUUUAUCCUGG 16

RESULT 470

US-09-371-772B-3242
; Sequence 3242, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3242
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3242

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 58.3%; Pred. No. 2.5e+02;
Matches 7; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 41 CCTTATCCTGG 52
|:|:|:|:|:|
Db 4 CCUUUAUCCUGG 15

RESULT 471

US-09-371-772B-3243
; Sequence 3243, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3243
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3243

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 58.3%; Pred. No. 2.5e+02;
Matches 7; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 41 CCTTATCCTGG 52
|:|:|:|:|:|
Db 2 CCUUUAUCCUGG 13

RESULT 472

US-09-371-772B-4538/C
; Sequence 4538, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4538
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4538

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1403 ACATGAACCCCA 1414
|||:|||||:
DB 12 ACATGAACCCCA 1

RESULT 473

US-09-371-772B-4943
; Sequence 4943, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4943
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4943

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 83.3%; Pred. No. 2.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 264 GAATGCCACCTC 275
|||:|||||:
DB 3 GAATGCCACCTC 14

RESULT 474

US-09-371-772B-4944
; Sequence 4944, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4944
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4944

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 83.3%; Pred. No. 2.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 264 GAATGCCACCTC 275
|||:|||||:
DB 2 GAATGCCACCTC 13

RESULT 475

US-09-371-772B-6858
; Sequence 6858, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6858
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6858

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 83.3%; Pred. No. 2.5e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1482 TGCCTCAGAGA 1493
:|||||:
DB 6 UGCCUCAGAGA 17

RESULT 476


```
US-09-099-932-29/c
; Sequence 29, Application US/09099932
; Patent No. 6570001
; GENERAL INFORMATION:
; APPLICANT: El Solh, Nevine
; APPLICANT: Allignet, Jeanine
; TITLE OF INVENTION: POLYNUCLEOTIDES AND THEIR USE FOR DETECTING RESISTANCE
; TITLE OF INVENTION: TO STREPTOGRAMIN A OR TO STREPTOGRAMIN B AND RELATED
; TITLE OF INVENTION: COMPOUNDS
; FILE REFERENCE: 03495.0173-00000
; CURRENT APPLICATION NUMBER: US/09/099,932
; CURRENT FILING DATE: 1998-06-19
; EARLIER APPLICATION NUMBER: 60/050,380
; EARLIER FILING DATE: 1997-06-20
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 29
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-099-932-29

Query Match          0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 191 CTTTGGCCAGC 202
Db 12 CTTTGGCCAGC 1

RESULT 477
PCT-US94-12947A-61
; Sequence 61, Application PC/TUS9412947A
; GENERAL INFORMATION:
; APPLICANT: The Johns Hopkins University School of Medicine
; TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY
; TITLE OF INVENTION: ANALYSIS OF SPUTUM
; NUMBER OF SEQUENCES: 128
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Spensley Horn Juba & Lubitz
; STREET: 1880 Century Park East, Suite 500
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/12947A
; FILING DATE: 10-NOV-1994
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Haile, Ph.D., Lisa A.
; REGISTRATION NUMBER: P-38,347
; REFERENCE/DOCKET NUMBER: FD-2912
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 455-5100
; TELEFAX: (619) 455-5110
; INFORMATION FOR SEQ ID NO: 61:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: CDS

US-09-099-932-29/c
; Sequence 29, Application US/09099932
; Patent No. 6570001
; GENERAL INFORMATION:
; APPLICANT: El Solh, Nevine
; APPLICANT: Allignet, Jeanine
; TITLE OF INVENTION: POLYNUCLEOTIDES AND THEIR USE FOR DETECTING RESISTANCE
; TITLE OF INVENTION: TO STREPTOGRAMIN A OR TO STREPTOGRAMIN B AND RELATED
; TITLE OF INVENTION: COMPOUNDS
; FILE REFERENCE: 03495.0173-00000
; CURRENT APPLICATION NUMBER: US/09/099,932
; CURRENT FILING DATE: 1998-06-19
; EARLIER APPLICATION NUMBER: 60/050,380
; EARLIER FILING DATE: 1997-06-20
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 29
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-099-932-29

Query Match          0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 191 CTTTGGCCAGC 202
Db 12 CTTTGGCCAGC 1

RESULT 477
PCT-US94-12947A-61
; Sequence 61, Application PC/TUS9412947A
; GENERAL INFORMATION:
; APPLICANT: The Johns Hopkins University School of Medicine
; TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY
; TITLE OF INVENTION: ANALYSIS OF SPUTUM
; NUMBER OF SEQUENCES: 128
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Spensley Horn Juba & Lubitz
; STREET: 1880 Century Park East, Suite 500
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/12947A
; FILING DATE: 10-NOV-1994
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Haile, Ph.D., Lisa A.
; REGISTRATION NUMBER: P-38,347
; REFERENCE/DOCKET NUMBER: FD-2912
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 455-5100
; TELEFAX: (619) 455-5110
; INFORMATION FOR SEQ ID NO: 61:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: CDS
```

```
; LOCATION: 1..17
PCT-US94-12947A-61

Query Match          0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 472 GCGGCATCAACC 483
Db 2 GCGGCATCAACC 13

RESULT 478
US-08-266-750-1
; Sequence 1, Application US/08266750
; Patent No. 5556768
; GENERAL INFORMATION:
; APPLICANT: Yamashita, No. 5556768uhiko
; TITLE OF INVENTION: Method for Preparing Peptides and
; TITLE OF INVENTION: Proteins Utilizing Ribosome
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Eric S. Spector
; STREET: P.O. Box 2266 Eads Station
; CITY: Arlington
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/266,750
; FILING DATE: 28-JUN-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 158662/1993
; FILING DATE: 29-JUN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Spector, Eric S.
; REGISTRATION NUMBER: 22495
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-415-1500
; TELEFAX: 703-415-1508
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: mRNA
; MOLECULE TYPE: mRNA
US-08-266-750-1

Query Match          0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 46.7%; Pred. No. 2.2e+02;
Matches 7; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 1366 ATGTATGAGTTTCAG 1380
Db 1 AUGUUGAGUUGAG 15

RESULT 479
US-08-137-701-21
; Sequence 21, Application US/08137701
; Patent No. 5596090
; GENERAL INFORMATION:
; APPLICANT: HOKE, Glenn D
; APPLICANT: BRADLEY, Matthews O
; APPLICANT: WILLIAMS, Taffy J
; APPLICANT: LEE, Che-Hung
```

;; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES DIRECTED
;; TITLE OF INVENTION: AGAINST HUMAN VCAM-1 RNA
;; NUMBER OF SEQUENCES: 22
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Naval Medical Res. & Dev. Cnd.
;; STREET: 8901 Wisconsin Ave.
;; CITY: Bethesda
;; STATE: Maryland
;; COUNTRY: USA
;; ZIP: 20889-5606
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patentin Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/137,701
;; FILING DATE:
;; CLASSIFICATION: 514
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/918,256
;; FILING DATE: 24-JUL-1992
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Spevack, A. David
;; REGISTRATION NUMBER: 24,743
;; REFERENCE/DOCKET NUMBER: N.C. 75,775
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (202) 295-6759
;; TELEFAX: (202) 295-1022
;; INFORMATION FOR SEQ ID NO: 21:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 15 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; HYPOTHETICAL: NO
;; ANTI-SENSE: YES
US-08-137-701-21

Query Match 0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1307 TTGTCCTCCCATCTG 1322
Db 1 TTTGTGTCCTCCCATCTG 15

RESULT 480
US-08-182-968A-2
; Sequence 2, Application US/08182968A
; Patent No. 5610054
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 497
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:

;; APPLICATION NUMBER: US/08/182,968A
;; FILING DATE: 13-JANUARY-1994
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 07/882,888
;; FILING DATE: 14-MAY-1992
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 205/277
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 2:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 15
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
US-08-182-968A-2

Query Match 0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 234 GCAGCCTGCAGACC 248
Db 1 GCAGCCTGCAGACC 15

RESULT 481
US-08-182-968A-128/C
; Sequence 128, Application US/08182968A
; Patent No. 5610054
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 497
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/182,968A
; FILING DATE: 13-JANUARY-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/882,888
; FILING DATE: 14-MAY-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 205/277
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 128:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single

TOPOLOGY: linear
US-08-182-968A-128

Query Match 0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1328 TGGCCCGGACCA 1342
DB 15 TGGCCCGGACCA 1

RESULT 482

US-08-373-124A-85
; Sequence 85, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071

COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373.124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 85:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-373-124A-85

Query Match 0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 73.3%; Pred. No. 2.2e+02;
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 360 CAAGCTTCTGAAGA 374
|||||: | |||||

DB 1 CAAGCUCCAGAAGA 15

RESULT 483

US-08-334-847-87
; Sequence 87, Application US/08334847
; Patent No. 5693532
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; APPLICANT: Draper, Kenneth
; APPLICANT: Pavco, Pam
; APPLICANT: Woolf, Tod
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING RESPIRATORY
; TITLE OF INVENTION: SYNCYTIAL VIRUS
; NUMBER OF SEQUENCES: 909
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/334.847
; FILING DATE: No. 5693532ember 4, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/032
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 87:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-334-847-87

Query Match 0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 53.3%; Pred. No. 2.2e+02;
Matches 8; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 351 CATTCCTCTCAAGCT 365
|||: |||:
DB 1 CAUUGCUCUACACCU 15

RESULT 484

US-08-334-847-522
; Sequence 522, Application US/08334847
; Patent No. 5693532
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; APPLICANT: Draper, Kenneth
; APPLICANT: Pavco, Pam
; APPLICANT: Woolf, Tod
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING RESPIRATORY
; TITLE OF INVENTION: SYNCYTIAL VIRUS

```

; NUMBER OF SEQUENCES: 909
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/334,847
; FILING DATE: No. 569352ember 4, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/032
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 522:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-334-847-522

Query Match 0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1152 CCAGAACAGACGACAT 1166
Db 1 CCAGAACAGACGACAU 15

RESULT 485
US-08-334-847-653
; Sequence 653, Application US/083334847
; Patent No. 5693532
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; APPLICANT: Draper, Kenneth
; APPLICANT: Pavco, Pam
; APPLICANT: Woolf, Tod
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING RESPIRATORY
; TITLE OF INVENTION: SYNCYTIAL VIRUS
; NUMBER OF SEQUENCES: 909
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1

```

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; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/334,847
; FILING DATE: No. 569352ember 4, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/032
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 653:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-334-847-653

Query Match 0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 66.7%; Pred. No. 2.2e+02;
Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1282 CTGGACTTGATGACA 1296
Db 1 CUAGACUUGACAGCA 15

RESULT 486
US-08-363-240A-697/c
; Sequence 697, Application US/08363240A
; Patent No. 5705388
; GENERAL INFORMATION:
; APPLICANT: Couture, Larry
; APPLICANT: McSwiggen, James
; APPLICANT: Bisgaler, Charles
; APPLICANT: Pape, Michael
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: PREVENTION, INHIBITION OF
; TITLE OF INVENTION: PROGRESSION AND REGRESSION
; TITLE OF INVENTION: OF VASCULAR DISEASES
; NUMBER OF SEQUENCES: 1243
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/363,240A
; FILING DATE: December 23, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 210/096
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510

```

; INFORMATION FOR SEQ ID NO: 697:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 15 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-08-363-240A-697

Query Match 0.7% Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred.No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1514 TGGTGATGAAATCT 1528

Db 15 TGGTGATGATCT 1

RESULT 487

US-08-686-116A-27

; Sequence 27, Application US/08686116A

; Patent No. 5714331

; GENERAL INFORMATION:

; APPLICANT: Buchardt et al.

; TITLE OF INVENTION: Peptide Nucleic Acids Having Enhanced

; TITLE OF INVENTION: Binding Affinity, Sequence Specificity

; Patent No. 5714331

; TITLE OF INVENTION: ans Solubility

; NUMBER OF SEQUENCES: 53

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5714331Iris LLP

; STREET: One Liberty Place - 46th Floor

; CITY: Philadelphia

; STATE: PA

; COUNTRY: U.S.A.

; ZIP: 19103

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: WordPerfect 6.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/686,116A

; FILING DATE: July 24, 1996

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/108,591

; FILING DATE: 22-NOV-1993

; ATTORNEY/AGENT INFORMATION:

; NAME: Michael P. Straher

; REGISTRATION NUMBER: 38,325

; REFERENCE/DOCKET NUMBER: ISIS-2271

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 215-568-3100

; TELEFAX: 215-568-3439

; INFORMATION FOR SEQ ID NO: 27:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 15 bases

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; FEATURE:

; NAME/KEY: Modified-site

; LOCATION: 1

; OTHER INFORMATION: fluorescein conjugated

; FEATURE:

; NAME/KEY: Modified-site

; LOCATION: 2

; OTHER INFORMATION: guanine attached to aminoethyl-lysine

; OTHER INFORMATION: backbone

; FEATURE:

; NAME/KEY: Modified-site

; LOCATION: 7

; OTHER INFORMATION: guanine attached to aminoethyl-lysine

; OTHER INFORMATION: backbone

; FEATURE:

; NAME/KEY: Modified-site

; LOCATION: 8

; OTHER INFORMATION: guanine attached to aminoethyl-lysine

; FEATURE:

; NAME/KEY: Modified-site

; LOCATION: 14

; OTHER INFORMATION: guanine attached to aminoethyl-lysine

; OTHER INFORMATION: backbone

US-08-686-116A-27

Query Match 0.7% Score 11.8; DB 1; Length 15;

Best Local Similarity 86.7%; Pred.No. 2.2e+02;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 504 TGCCCATGAAAACGT 518

Db 1 TGCCCGGGAACGT 15

RESULT 488

US-08-686-116A-28

; Sequence 28, Application US/08686116A

; Patent No. 5714331

; GENERAL INFORMATION:

; APPLICANT: Buchardt et al.

; TITLE OF INVENTION: Peptide Nucleic Acids Having Enhanced

; TITLE OF INVENTION: Binding Affinity, Sequence Specificity

; Patent No. 5714331

; TITLE OF INVENTION: ans Solubility

; NUMBER OF SEQUENCES: 53

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5714331Iris LLP

; STREET: One Liberty Place - 46th Floor

; CITY: Philadelphia

; STATE: PA

; COUNTRY: U.S.A.

; ZIP: 19103

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: WordPerfect 6.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/686,116A

; FILING DATE: July 24, 1996

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/108,591

; FILING DATE: 22-NOV-1993

; ATTORNEY/AGENT INFORMATION:

; NAME: Michael P. Straher

; REGISTRATION NUMBER: 38,325

; REFERENCE/DOCKET NUMBER: ISIS-2271

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 215-568-3100

; TELEFAX: 215-568-3439

; INFORMATION FOR SEQ ID NO: 28:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 15 bases

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; FEATURE:

; NAME/KEY: Modified-site

; LOCATION: 1

; OTHER INFORMATION: conjugated to fluorescent dye

; FEATURE:

; NAME/KEY: Modified-site

; LOCATION: 2

; OTHER INFORMATION: guanine attached to aminoethyl-lysine

```
/ OTHER INFORMATION: backbone
/ FEATURE:
/ NAME/KEY: Modified-site
/ LOCATION: 7
/ OTHER INFORMATION: guanine attached to aminoethyl-lysine
/ OTHER INFORMATION: backbone
/ FEATURE:
/ NAME/KEY: Modified-site
/ LOCATION: 8
/ OTHER INFORMATION: guanine attached to aminoethyl-lysine
/ OTHER INFORMATION: backbone
/ FEATURE:
/ NAME/KEY: Modified-site
/ LOCATION: 14
/ OTHER INFORMATION: guanine attached to aminoethyl-lysine
/ OTHER INFORMATION: backbone
/ OTHER INFORMATION: backbone
US-08-686-116A-28

Query Match      0.7%  Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 504 TGCCCATGAAACGT 518
Db 1 TGCCCGGAAACGT 15

RESULT 489
US-08-363-233B-19
; Sequence 19, Application US/08363233B
; Patent No. 5714383
; GENERAL INFORMATION:
; APPLICANT: Thompson, James D.
; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATING CHRONIC
; TITLE OF INVENTION: MYELOGENOUS LEUKEMIA
; NUMBER OF SEQUENCES: 39
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/363,233B
; FILING DATE: December 23, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 07/882,822
; FILING DATE: May 14, 1992
; APPLICATION NUMBER: 08/193,922
; FILING DATE: February 7, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/165
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
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```
/ STRANDEDNESS: single
/ TOPOLOGY: linear
US-08-363-233B-19

Query Match      0.7%  Score 11.8; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1555 CCCAATGGGAAGG 1569
Db 1 CACAAUGGGAUGG 15

RESULT 490
US-08-685-484-27
; Sequence 27, Application US/08685484
; Patent No. 5719262
; GENERAL INFORMATION:
; APPLICANT: Buchardt et al.
; TITLE OF INVENTION: Peptide Nucleic Acids Having Amino Acid
; TITLE OF INVENTION: Side Chains
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5719262ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/685,484
; FILING DATE: 24-JUL-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/108,591
; FILING DATE: 22-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Michael P. Straher
; REGISTRATION NUMBER: 38,325
; REFERENCE/DOCKET NUMBER: ISIS-2270
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 1
; OTHER INFORMATION: fluorescein conjugated
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 2
; OTHER INFORMATION: guanine attached to aminoethyl-lysine
; OTHER INFORMATION: backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 7
; OTHER INFORMATION: guanine attached to aminoethyl-lysine
; OTHER INFORMATION: backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 8
; OTHER INFORMATION: guanine attached to aminoethyl-lysine
; OTHER INFORMATION: backbone
```

```
;
;
; NAME/KEY: Modified-site
; LOCATION: 14
; OTHER INFORMATION: guanine attached to aminoethyl-lysine
; OTHER INFORMATION: backbone
US-08-685-484-27

Query Match      0.7%  Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 504 TGCCCATGAAACGT 518
DB 1 TGCCCGGGAACGT 15

RESULT 491
US-08-685-484-28
; Sequence 28, Application US/08685484
; Patent No. 5719262
; GENERAL INFORMATION:
; APPLICANT: Buchardt et al.
; TITLE OF INVENTION: Peptide Nucleic Acids Having Amino Acid
; TITLE OF INVENTION: Side Chains
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5719262ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/685,484
; FILING DATE: 24-JUL-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/108,591
; FILING DATE: 22-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Michael P. Straher
; REGISTRATION NUMBER: 38,325
; REFERENCE/DOCKET NUMBER: ISIS-2270
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 1
; OTHER INFORMATION: conjugated to fluorescent dye
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 2
; OTHER INFORMATION: guanine attached to aminoethyl-lysine
; OTHER INFORMATION: backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 7
; OTHER INFORMATION: guanine attached to aminoethyl-lysine
; OTHER INFORMATION: backbone
; FEATURE:
; NAME/KEY: Modified-site

;
;
; LOCATION: 8
; OTHER INFORMATION: guanine attached to aminoethyl-lysine
; OTHER INFORMATION: backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 14
; OTHER INFORMATION: guanine attached to aminoethyl-lysine
; OTHER INFORMATION: backbone
US-08-685-484-28

Query Match      0.7%  Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 504 TGCCCATGAAACGT 518
DB 1 TGCCCGGGAACGT 15

RESULT 492
US-08-847-108-27
; Sequence 27, Application US/08847108
; Patent No. 5736336
; GENERAL INFORMATION:
; APPLICANT: Buchardt et al.
; TITLE OF INVENTION: Peptide Nucleic Acids Having Enhanced
; TITLE OF INVENTION: Binding Affinity, Sequence Specificity
; TITLE OF INVENTION: and Solubility
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5736336ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/847,108
; FILING DATE: 01-MAY-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/686,116
; FILING DATE: July 24, 1996
; APPLICATION NUMBER: 08/108,591
; FILING DATE: 22-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Michael P. Straher
; REGISTRATION NUMBER: 38,325
; REFERENCE/DOCKET NUMBER: ISIS-2271
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 1
; OTHER INFORMATION: fluorescein conjugated
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 2
; OTHER INFORMATION: guanine attached to aminoethyl-lysine
; OTHER INFORMATION: backbone
```

FEATURE:
NAME/KEY: Modified-site
LOCATION: 7
OTHER INFORMATION: guanine attached to aminoethyl-lysine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 8
OTHER INFORMATION: guanine attached to aminoethyl-lysine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 14
OTHER INFORMATION: guanine attached to aminoethyl-lysine
OTHER INFORMATION: backbone
US-08-847-108-27

Query Match 0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 504 TGCCCATGAAACGT 518
|||||
Db 1 TGCCCGGAAACGT 15

RESULT 493

US-08-847-108-28
Sequence 28, Application US/08847108
Patent No. 5736336
GENERAL INFORMATION:
APPLICANT: Buchardt et al.
TITLE OF INVENTION: Peptide Nucleic Acids Having Enhanced
TITLE OF INVENTION: Binding Affinity, Sequence Specificity
Patent No. 5736336
TITLE OF INVENTION: and Solubility
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5736336ris LLP
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/847,108
FILING DATE: 01-MAY-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/686,116
FILING DATE: July 24, 1996
APPLICATION NUMBER: 08/108,591
FILING DATE: 22-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Michael P. Straher
REGISTRATION NUMBER: 38,325
REFERENCE/DOCKET NUMBER: ISIS-2271
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: Modified-site

LOCATION: 1
OTHER INFORMATION: conjugated to fluorescent dye
FEATURE:
NAME/KEY: Modified-site
LOCATION: 2
OTHER INFORMATION: guanine attached to aminoethyl-lysine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 7
OTHER INFORMATION: guanine attached to aminoethyl-lysine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 8
OTHER INFORMATION: guanine attached to aminoethyl-lysine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 14
OTHER INFORMATION: guanine attached to aminoethyl-lysine
OTHER INFORMATION: backbone
US-08-847-108-28

Query Match 0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 504 TGCCCATGAAACGT 518
|||||
Db 1 TGCCCGGAAACGT 15

RESULT 494

US-08-686-113A-40
Sequence 40, Application US/08686113A
Patent No. 5766855
GENERAL INFORMATION:
APPLICANT: Buchardt et al.
TITLE OF INVENTION: Peptide Nucleic Acids Having Enhanced
TITLE OF INVENTION: Affinity And Sequence Specificity
Patent No. 5766855
NUMBER OF SEQUENCES: 60
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 5766855ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/686,113A
FILING DATE: July 24, 1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/108,591
FILING DATE: 22-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Michael P. Straher
REGISTRATION NUMBER: 38,325
REFERENCE/DOCKET NUMBER: ISIS-2273
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 bases
TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: Modified-site
LOCATION: 1
OTHER INFORMATION: fluorescein conjugated
FEATURE:
NAME/KEY: Modified-site
LOCATION: 2
OTHER INFORMATION: guanine attached to aminoethyl-lysine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 7
OTHER INFORMATION: guanine attached to aminoethyl-lysine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 8
OTHER INFORMATION: guanine attached to aminoethyl-lysine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 14
OTHER INFORMATION: guanine attached to aminoethyl-lysine
OTHER INFORMATION: backbone
US-08-686-113A-40

Query Match 0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 504 TGCCCATGAAAACGT 518
||||| |||||
Db 1 TGCCCGGGAAAACGT 15

RESULT 495
US-08-686-113A-41
; Sequence 41, Application US/08686113A
; Patent No. 5768855
; GENERAL INFORMATION:
; APPLICANT: Buchardt et al.
; TITLE OF INVENTION: Peptide Nucleic Acids Having Enhanced
; TITLE OF INVENTION: Affinity And Sequence Specificity
; Patent No. 5768855
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 5768855-1ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/686,113A
; FILING DATE: July 24, 1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/108,591
; FILING DATE: 22-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Michael P. Straher
; REGISTRATION NUMBER: 38,325
; REFERENCE/DOCKET NUMBER: 1SIS-2273
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439

INFORMATION FOR SEQ ID NO: 41:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: Modified-site
LOCATION: 1
OTHER INFORMATION: conjugated to fluorescent dye
FEATURE:
NAME/KEY: Modified-site
LOCATION: 2
OTHER INFORMATION: guanine attached to aminoethyl-lysine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 7
OTHER INFORMATION: guanine attached to aminoethyl-lysine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 8
OTHER INFORMATION: guanine attached to aminoethyl-lysine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 14
OTHER INFORMATION: guanine attached to aminoethyl-lysine
OTHER INFORMATION: backbone
US-08-686-113A-41

Query Match 0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 504 TGCCCATGAAAACGT 518
||||| |||||
Db 1 TGCCCGGGAAAACGT 15

RESULT 496
US-08-847-095A-27
; Sequence 27, Application US/08847095A
; Patent No. 5786461
; GENERAL INFORMATION:
; APPLICANT: Buchardt et al.
; TITLE OF INVENTION: Peptide Nucleic Acids Having Amino Acid
; TITLE OF INVENTION: Side Chains
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5786461-1ris LLP
; STREET: One Liberty Place - 45th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/847,095A
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/685,484
; FILING DATE: 24-JUL-1996
; APPLICATION NUMBER: 08/108,591
; FILING DATE: 22-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Michael P. Straher

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/110,691A
FILING DATE: 23-AUG-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/972,012
FILING DATE: 06-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: Remenick, James
REGISTRATION NUMBER: 36,902
REFERENCE/DOCKET NUMBER: 16865-0124
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-639-7700
TELEFAX: 202-639-7890
TELEX:
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-110-691A-1

Query Match 0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 908 AGCTCTTGGACGCA 922
Db 15 AGCTCTTGGACGCA 1

RESULT 499

US-08-311-486C-79/c
Sequence 79, Application US/08311486C
Patent No. 5811300

GENERAL INFORMATION:
APPLICANT: Sean Sullivan
APPLICANT: Kenneth Draper
APPLICANT: Kevin Kisich
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: TNF-
NUMBER OF SEQUENCES: 1157
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
COUNTRY: California
ZIP: U.S.A.

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,486C
FILING DATE: September 23, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:

two

NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/166
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 79:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-311-486C-79

Query Match 0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 428 TCCCGTGATGGTGT 442
Db 15 TCCCGTGATGGTGT 1

RESULT 500

US-08-447-169A-234
Sequence 234, Application US/08447169A
Patent No. 5811533

GENERAL INFORMATION:
APPLICANT: JANJIC, N. and GOLD, L.
TITLE OF INVENTION: HIGH-AFFINITY OLIGONUCLEOTIDE
TITLE OF INVENTION: LIGANDS TO VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR (VEGF)
NUMBER OF SEQUENCES: 242
CORRESPONDENCE ADDRESS:
ADDRESSEE: Swanson & Bratschun, L.L.C.
STREET: 8400 E. Prentice Place, Suite 200
CITY: Englewood
STATE: Colorado
COUNTRY: USA
ZIP: 80111

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 MG storage
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/447,169A
FILING DATE: 19-MAY-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/233,012
FILING DATE: 25-APRIL-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/205,515
FILING DATE: 03-MARCH-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/964,624
FILING DATE: 21-OCTOBER-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/714,131
FILING DATE: 10-JUNE-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/536,428
FILING DATE: 11-JUNE-1990
ATTORNEY/AGENT INFORMATION:
NAME: Barry J. Swanson
REGISTRATION NUMBER: 33,215
REFERENCE/DOCKET NUMBER: NEX14
TELECOMMUNICATION INFORMATION:
TELEPHONE: (303) 793-3333
TELEFAX: (303) 793-3433
INFORMATION FOR SEQ ID NO: 234:

SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-447-169A-234

Query Match 0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1573 CCCCACTGCCAGG 1587
Db 1 CCCCACTGGATAG 15

RESULT 501
US-08-435-628-85
Sequence 85, Application US/08435628
Patent No. 5817796

GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 85:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-85

Query Match 0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 73.3%; Pred. No. 2.2e+02;
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 360 CRAAGCTTCTGAAGA 374
Db 1 CRAAGUCCAGAAGA 15

RESULT 502
US-08-292-620A-8/c
Sequence 8, Application US/08292620A
Patent No. 5837542

GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-8

Query Match 0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1488 AGAAGAGGAGATCAG 1502

Db 15 AGCAGAGGAGCTCAG 1

RESULT 503
US-08-292-620A-75/c
; Sequence 75, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 75:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-292-620A-75

Query Match 0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 202 CCGCTCTTGACCC 216
Db 15 CCACCTCTAGGACCC 1

RESULT 504
US-08-604-871-3/c
; Sequence 3, Application US/08604871
; Patent No. 5858988

GENERAL INFORMATION:
; APPLICANT: WANG, JUI, H.
; TITLE OF INVENTION: ANTISENSE OLIGORIBONUCLEOTIDES HAVING ENHANCED STABILITY
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FLESHER, DUBB, MEYER & LOVEJOY
; STREET: Four Embarcadero Center, Suite 400
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/604,871
; FILING DATE: 22-FEB-1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Hare, Christophe A
; REGISTRATION NUMBER: 37,637
; REFERENCE/DOCKET NUMBER: WNGJ 2002 HED/CAH
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-362-3800
; TELEFAX: 415-362-2928
; TELEX:
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
US-08-604-871-3

Query Match 0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1307 TTGGTGCCCATCTG 1321
Db 15 TTGGTGCCCATCAG 1

RESULT 505
US-08-604-871-4
; Sequence 4, Application US/08604871
; Patent No. 5858988
; GENERAL INFORMATION:
; APPLICANT: WANG, JUI, H.
; TITLE OF INVENTION: ANTISENSE OLIGORIBONUCLEOTIDES HAVING ENHANCED STABILITY
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FLESHER, DUBB, MEYER & LOVEJOY
; STREET: Four Embarcadero Center, Suite 400
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ Version 1.5

;/ CURRENT APPLICATION DATA:
;/ APPLICATION NUMBER: US/08/604,871
;/ FILING DATE: 22-FEB-1996
;/ CLASSIFICATION: 514
;/ PRIOR APPLICATION DATA:
;/ APPLICATION NUMBER:
;/ FILING DATE:
;/ ATTORNEY/AGENT INFORMATION:
;/ NAME: Hare, Christophe A
;/ REGISTRATION NUMBER: 37,637
;/ REFERENCE/DOCKET NUMBER: WNGJ 2002 HED/CAH
;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: 415-362-3800
;/ TELEFAX: 415-362-2928
;/ TELEX:
;/ INFORMATION FOR SEQ ID NO: 4:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 15 base pairs
;/ TYPE: nucleic acid
;/ STRANDEDNESS: single
;/ TOPOLOGY: linear
;/ MOLECULE TYPE: cdna
;/ HYPOTHETICAL: NO
;/ ANTI-SENSE: NO
;/ FRAGMENT TYPE:
;/ ORIGINAL SOURCE:
;/ US-08-604-871-4

Query Match 0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 53.3%; Pred.No. 2.2e+02;
Matches 8; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 1307 TTGGTGTCCTCATCTG 1321
:::|:|||||
Db 1 UUGUGUCCCAUCAG 15

RESULT 506
US-08-774-306A-2
; Sequence 2, Application US/08774306A
; Patent No. 5869253
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 497
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/774,306A
; FILING DATE: December 26, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/182,968
; FILING DATE: January 13, 1994
; APPLICATION NUMBER: 07/882,888
; FILING DATE: May 14, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 223/227

;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: (213) 489-1600
;/ TELEFAX: (213) 955-0440
;/ TELEX: 67-3510
;/ INFORMATION FOR SEQ ID NO: 2:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 15
;/ TYPE: nucleic acid
;/ STRANDEDNESS: single
;/ TOPOLOGY: linear
;/ US-08-774-306A-2

Query Match 0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 80.0%; Pred.No. 2.2e+02;
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 234 GCAGCCTGCAGAAC 248
|||||:|||||
Db 1 GCAGCCUCCAGGACC 15

RESULT 507
US-08-774-306A-128/c
; Sequence 128, Application US/08774306A
; Patent No. 5869253
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 497
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/774,306A
; FILING DATE: December 26, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/182,968
; FILING DATE: January 13, 1994
; APPLICATION NUMBER: 07/882,888
; FILING DATE: May 14, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 223/227
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 128:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;/ US-08-774-306A-128

Query Match 0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred.No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1328 TGGCCGGAACCA 1342
Db 15 TGGCCCGAGCCACA 1

RESULT 508

US-08-585-684B-77
; Sequence 77, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071

COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 77:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

Query Match 0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 53.3%; Pred. No. 2.2e+02;
Matches 8; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

Qy 376 TGTCTTTACCTCAAT 390
Db 1 UGUCCAUCCUCAAU 15

RESULT 509

US-08-585-684B-183/c
; Sequence 183, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES

NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 183:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

US-08-585-684B-183

Query Match 0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.2e-02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1719 ACACATAGAGCTGTG 1733
Db 15 ACACATGAGCTGTG 1

RESULT 510

US-08-585-684B-2281
; Sequence 2281, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2281:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-585-684B-2281

Query Match 0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 53.3%; Pred. No. 2.2e+02;
Matches 8; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 372 AGACTGCTTTACT 386
DB 1 ACACUGUCGUACCU 15

RESULT 511

US-08-757-024-784
Sequence 784, Application US/08757024
Patent No. 6025339

GENERAL INFORMATION:
APPLICANT: Nyce, Jonathan W.
TITLE OF INVENTION: METHOD OF TREATMENT FOR ASTHMA
NUMBER OF SEQUENCES: 952
CORRESPONDENCE ADDRESS:
ADDRESSEE: BELL, SELTZER, PARK & GIBSON
STREET: P.O. Drawer 34009
CITY: Charlotte
STATE: No. 6025339th Carolina
COUNTRY: USA
ZIP: 28234

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/757,024
FILING DATE: 26-NOV-1996
CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:
NAME: Sibley, Kenneth D.
REGISTRATION NUMBER: 31,665
REFERENCE/DOCKET NUMBER: 5218-41
TELECOMMUNICATION INFORMATION:
TELEPHONE: 919-881-3140
TELEFAX: 919-881-3175
TELEX: 575102

INFORMATION FOR SEQ ID NO: 784:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-757-024-784

Query Match 0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.2e+02;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 70 GCGCTTGGGGGCA 84
DB 1 GCGCATGGGGGCA 15

RESULT 512

US-08-757-024-799
Sequence 799, Application US/08757024
Patent No. 6025339

GENERAL INFORMATION:
APPLICANT: Nyce, Jonathan W.
TITLE OF INVENTION: METHOD OF TREATMENT FOR ASTHMA
NUMBER OF SEQUENCES: 952
CORRESPONDENCE ADDRESS:
ADDRESSEE: BELL, SELTZER, PARK & GIBSON
STREET: P.O. Drawer 34009
CITY: Charlotte
STATE: No. 6025339th Carolina
COUNTRY: USA
ZIP: 28234

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/757,024
FILING DATE: 26-NOV-1996
CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:
NAME: Sibley, Kenneth D.
REGISTRATION NUMBER: 31,665
REFERENCE/DOCKET NUMBER: 5218-41
TELECOMMUNICATION INFORMATION:
TELEPHONE: 919-881-3140
TELEFAX: 919-881-3175
TELEX: 575102

INFORMATION FOR SEQ ID NO: 799:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-757-024-799

Query Match 0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 71 GCGCTTGGGGGCA 85
DB 1 GCGCATGGGGGCA 15

RESULT 513

US-08-757-024-813
Sequence 813, Application US/08757024
Patent No. 6025339

GENERAL INFORMATION:
APPLICANT: Nyce, Jonathan W.
TITLE OF INVENTION: METHOD OF TREATMENT FOR ASTHMA
NUMBER OF SEQUENCES: 952
CORRESPONDENCE ADDRESS:
ADDRESSEE: BELL, SELTZER, PARK & GIBSON
STREET: P.O. Drawer 34009
CITY: Charlotte
STATE: No. 6025339th Carolina
COUNTRY: USA
ZIP: 28234

COMPUTER READABLE FORM:


```
/
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patentin Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA: US/08/757,024
/ FILING DATE: 26-NOV-1996
/ CLASSIFICATION: 514
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Sibley, Kenneth D.
/ REGISTRATION NUMBER: 31,665
/ REFERENCE/DOCKET NUMBER: 5218-41
/ TELEPHONE: 919-881-3140
/ TELEFAX: 919-881-3175
/ TELEX: 575102
/ INFORMATION FOR SEQ ID NO: 813:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ US-08-757-024-813

Query Match 0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 72 GGCTTGGGGGCACA 86
   ||| ||| ||| ||| |||
Db 1 GGCGTGGGGGCACA 15

RESULT 514
US-08-757-024-889/c
; Sequence 889, Application US/08/757024
; Patent No. 6025339
; GENERAL INFORMATION:
; APPLICANT: Nyce, Jonathan W.
; TITLE OF INVENTION: METHOD OF TREATMENT FOR ASTHMA
; NUMBER OF SEQUENCES: 952
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BELL, SELTZER, PARK & GIBSON
; STREET: P.O. Drawer 34009
; CITY: Charlotte
; STATE: No. 6025339th Carolina
; COUNTRY: USA
; ZIP: 28234
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/757,024
; FILING DATE: 26-NOV-1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Sibley, Kenneth D.
; REGISTRATION NUMBER: 31,665
; REFERENCE/DOCKET NUMBER: 5218-41
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919-881-3140
; TELEFAX: 919-881-3175
; TELEX: 575102
; INFORMATION FOR SEQ ID NO: 946:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
/ US-08-757-024-946

Query Match 0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 160 GCACAGCCTGTGGCC 174
   ||| ||| ||| ||| |||
Db 15 GCCCAGCCTGTGGCC 1

RESULT 516
US-09-064-156A-2
; Sequence 2, Application US/09064156A
; Patent No. 6132966
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 498
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
/
```

```

; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/064,156A
; FILING DATE: April 21, 1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/774,306
; FILING DATE: December 26, 1996
; APPLICATION NUMBER: 08/182,968
; FILING DATE: January 13, 1994
; APPLICATION NUMBER: 07/882,888
; FILING DATE: May 14, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 234/083
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-064-156A-2

```

```

Query Match 0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

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QY 234 GCAGCCTGCAGAAC 248
Db 1 GCAGCCUCCAGGACC 15

```

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RESULT 517
; US-09-064-156A-128/c
; Sequence 128, Application US/09064156A
; Patent No. 6132966
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 498
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/064,156A

```

```

; FILING DATE: April 21, 1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/774,306
; FILING DATE: December 26, 1996
; APPLICATION NUMBER: 08/182,968
; FILING DATE: January 13, 1994
; APPLICATION NUMBER: 07/882,888
; FILING DATE: May 14, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 234/083
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 128:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-064-156A-128

```

```

Query Match 0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 1328 TGGCCCGGAGCCACA 1342
Db 15 TGGCCCGGAGCCACA 1

```

```

RESULT 518
; US-09-071-845-8/c
; Sequence 8, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849

```

FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-071-845-8

Query Match 0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1488 AGAAGAGGAGATCAG 1502
Db 15 AGCAGGAGGCTCAG 1

RESULT 519
US-09-071-845-75/c
Sequence 75, Application US/09071845
Patent No. 6132967
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 75:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-071-845-75

Query Match 0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 202 CCGCCTCTTGAGCC 216
Db 15 CCACCTTAGAGCC 1

RESULT 520
US-08-617-010C-21/c
Sequence 21, Application US/08617010C
Patent No. 6194144
GENERAL INFORMATION:
APPLICANT: Hubert K. Ster
TITLE OF INVENTION: DNA SEQUENCING BY MASS SPECTROMETRY
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe
STREET: 4250 Executive Square, 7th Floor
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037-9103
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/617,010C
FILING DATE: 18-MAR-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/178,216
FILING DATE: 06-JAN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/001,323
FILING DATE: 07-JAN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie L
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24736-2012
TELECOMMUNICATION INFORMATION:
TELEPHONE: 858-450-8400
TELEFAX: 619-587-5360
TELEX:
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-617-010C-21

Query Match 0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 908 AGCTCTTGAGACGA 922
Db 15 AGCTCTTGAGACGA 1

RESULT 521
US-09-038-073-77
; Sequence 77, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751

Query Match 0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 53.3%; Pred. No. 2.2e+02;
Matches 8; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 376 TGTCTTTACCTCAAT 390
 :||| :|||:||||:
Db 1 UGUCCAUACCUCAU 15

RESULT 522
US-09-038-073-183/c
; Sequence 183, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Fast-SEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 183:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-183

Query Match 0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. NO. 2.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1719 ACACATAGAGCTGTG 1733
|||
Db 15 ACACATGAAGCTGTG 1

RESULT 523
US-09-038-073-2281
; Sequence 2281, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Fast-SEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:

```
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2281:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-038-073-2281

Query Match 0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 53.3%; Pred. No. 2.2e+02;
Matches 8; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 372 AGACTGTCTTTACT 386
Db 1 ACACUGUCUGACCU 15

RESULT 524
US-09-566-591-21/c
; Sequence 21, Application US/09566591
; Patent No. 6238871
; GENERAL INFORMATION:
; APPLICANT: Hubert K'ster
; TITLE OF INVENTION: DNA SEQUENCING BY MASS SPECTROMETRY
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Heller Ehrman White & McAuliffe
; STREET: 4250 Executive Square, 7th Floor
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037-9103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/566,591
; FILING DATE: 08-May-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/617,010
; FILING DATE: 18-MAR-1996
; APPLICATION NUMBER: 08/178,216
; FILING DATE: 06-JAN-1994
; APPLICATION NUMBER: 08/001,323
; FILING DATE: 07-JAN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Seidman, Stephanie L
; REGISTRATION NUMBER: 33,779
; REFERENCE/DOCKET NUMBER: 24736-2012B
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 858-450-8400
; TELEFAX: 858-587-5360
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
```

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; SEQUENCE DESCRIPTION: SEQ ID NO: 21:
US-09-566-591-21

Query Match 0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 908 AGCTCTTGGAGACCA 922
Db 15 AGCTCTTGAACCGA 1

RESULT 525
US-09-535-262-7/c
; Sequence 7, Application US/09535262
; Patent No. 6280977
; GENERAL INFORMATION:
; APPLICANT: Liang, Xiaowu
; APPLICANT: Felgner, Philip L.
; TITLE OF INVENTION: METHOD FOR GENERATING TRANSCRIPTIONALLY
; FILE REFERENCE: GTSYS.003A
; CURRENT APPLICATION NUMBER: US/09/535,262
; CURRENT FILING DATE: 2000-03-23
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 7
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide primer
US-09-535-262-7

Query Match 0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 440 TGTGGATCCAGGAG 454
Db 15 TGTGGATCCGCGAG 1

RESULT 526
US-09-167-375-13/c
; Sequence 13, Application US/09167375B
; Patent No. 6291438
; GENERAL INFORMATION:
; APPLICANT: Jui H. Wang
; TITLE OF INVENTION: Antiviral anticancer poly-substituted phenyl derivatized oligor
; FILE REFERENCE: WNGJ 2002 (CIP-1)
; CURRENT APPLICATION NUMBER: US/09/167,375B
; CURRENT FILING DATE: 1998-10-06
; NUMBER OF SEQ ID NOS: 26
; SEQ ID NO 13
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Duck Hepatitis B Virus
; FEATURE:
; LOCATION: Pre-S gene, nucleotides 798 - 813.
; OTHER INFORMATION: Sense sequence
US-09-167-375-13

Query Match 0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1307 TTGGTGCCCATCTG 1321
Db 15 TTGGTGCCCATCAG 1
```

```
RESULT 527
US-09-167-375-14
; Sequence 14, Application US/09167375B
; Patent No. 6291438
; GENERAL INFORMATION:
; APPLICANT: Jui H. Wang
; TITLE OF INVENTION: Antiviral anticancer poly-substituted phenyl derivatized oligorib
; TITLE OF INVENTION: methods for their use.
; FILE REFERENCE: WNGJ 2002 (CIP-1)
; CURRENT APPLICATION NUMBER: US/09/167,375B
; CURRENT FILING DATE: 1998-10-06
; NUMBER OF SEQ ID NOS: 26
; SEQ ID NO 14
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Duck Hepatitis Virus
; FEATURE:
; LOCATION: Pre-S gene, nucleotides 798 - 813
; OTHER INFORMATION: Complementary to Duck Hepatitis Virus Pre-S gene, nucleotides 798
US-09-167-375-14

Query Match      0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 53.3%; Pred. No. 2.2e+02;
Matches 8; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 1307 TTGGTCCCATCTG 1321
Db 1 UUGUUGUCCAUACG 15

RESULT 528
US-09-257-580-9/c
; Sequence 9, Application US/09257580
; Patent No. 6307036
; GENERAL INFORMATION:
; APPLICANT: Yorkshire Cancer Research
; TITLE OF INVENTION: Tumour Suppressor Gene
; FILE REFERENCE: Canine p53
; CURRENT APPLICATION NUMBER: US/09/257,580
; CURRENT FILING DATE: 1999-02-25
; PRIOR APPLICATION NUMBER: 9804178.3
; PRIOR FILING DATE: 1998-02-28
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 9
; LENGTH: 15
; TYPE: DNA
; ORGANISM: canis
US-09-257-580-9

Query Match      0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 974 GTCAACCCCTTCGG 988
Db 15 GTCGACCGCTTCGG 1

RESULT 529
US-09-081-646-121
; Sequence 121, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; TITLE OF INVENTION: Cancer Cells
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 538
; LENGTH: 15
; TYPE: DNA
US-09-081-646-121

Query Match      0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1393 TTCTCATCAGCATG 1407
Db 15 TGCTCATCATCATG 1

RESULT 531
US-09-081-646-538
; Sequence 538, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; TITLE OF INVENTION: Cancer Cells
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 538
; LENGTH: 15
; TYPE: DNA
US-09-081-646-538

Query Match      0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1393 TTCTCATCAGCATG 1407
Db 15 TGCTCATCATCATG 1

RESULT 531
US-09-081-646-538
; Sequence 538, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; TITLE OF INVENTION: Cancer Cells
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 538
; LENGTH: 15
; TYPE: DNA
US-09-081-646-538

Query Match      0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1393 TTCTCATCAGCATG 1407
Db 15 TGCTCATCATCATG 1
```

```
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 121
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-121

Query Match      0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 621 CCTGCGCTGGGTCCA 635
Db 1 CATGCGCTGGGTCCA 15

RESULT 530
US-09-081-646-444/c
; Sequence 444, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 444
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-444

Query Match      0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1393 TTCTCATCAGCATG 1407
Db 15 TGCTCATCATCATG 1

RESULT 531
US-09-081-646-538
; Sequence 538, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; TITLE OF INVENTION: Cancer Cells
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 538
; LENGTH: 15
; TYPE: DNA
US-09-081-646-538

Query Match      0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1393 TTCTCATCAGCATG 1407
Db 15 TGCTCATCATCATG 1
```

```
; ORGANISM: Homo sapiens
US-09-081-646-538

Query Match      0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 873 CATGGTTCACGTGCT 887
    |||||
Db 1 CATGGTTCACGTGCT 15

RESULT 532
US-08-686-114B-40
; Sequence 40, Application US/08686114B
; Patent No. 6414112
; GENERAL INFORMATION:
; APPLICANT: Buchardt et al.
; TITLE OF INVENTION: Peptide Nucleic Acids Having 2,6-Diaminopurine Nucleob
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6414112ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/686,114B
; FILING DATE: July 24, 1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/108,591
; FILING DATE: 22-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Michael P. Straher
; REGISTRATION NUMBER: 38,325
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 1
; OTHER INFORMATION: fluorescein conjugated
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 2
; OTHER INFORMATION: guanine attached to aminoethyl-lysine
; OTHER INFORMATION: backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 7
; OTHER INFORMATION: guanine attached to aminoethyl-lysine
; OTHER INFORMATION: backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 8
; OTHER INFORMATION: guanine attached to aminoethyl-lysine
; OTHER INFORMATION: backbone
; NAME/KEY: Modified-site

; ORGANISM: Homo sapiens
US-08-686-114B-40
; Sequence 40, Application US/08686114B
; Patent No. 6414112
; GENERAL INFORMATION:
; APPLICANT: Buchardt et al.
; TITLE OF INVENTION: Peptide Nucleic Acids Having 2,6-Diaminopurine Nucleob
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6414112ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/686,114B
; FILING DATE: July 24, 1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/108,591
; FILING DATE: 22-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Michael P. Straher
; REGISTRATION NUMBER: 38,325
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 1
; OTHER INFORMATION: fluorescein conjugated
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 2
; OTHER INFORMATION: guanine attached to aminoethyl-lysine
; OTHER INFORMATION: backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 7
; OTHER INFORMATION: guanine attached to aminoethyl-lysine
; OTHER INFORMATION: backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 8
; OTHER INFORMATION: guanine attached to aminoethyl-lysine
; OTHER INFORMATION: backbone
; NAME/KEY: Modified-site
```

```
;
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 14
; OTHER INFORMATION: Guanine attached to aminoethyl-lysine
; OTHER INFORMATION: Backbone
US-08-686-114B-41

Query Match          0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 504 TCCCATGAAACGT 518
Db 1 TCCCGGGAAACGT 15

RESULT 534
US-08-744-481A-31/C
; Sequence 31, Application US/08744481A
; Patent No. 6428955
; GENERAL INFORMATION:
; APPLICANT: K stier, Hubert
; TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
; NUMBER OF SEQUENCES: 55
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HELLER EHRMAN WHITE & MCAULIFFE
; STREET: 4250 Executive Square, Suite 700
; CITY: La Jolla
; STATE: California
; COUNTRY: USA
; ZIP: 92037-9103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/744,481A
; FILING DATE: No. 6428955ember 6, 1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/617,256
; FILING DATE: March 18, 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Seidman, Stephanie L.
; REGISTRATION NUMBER: 33,779
; REFERENCE/DOCKET NUMBER: 24736-2004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)450-8400
; TELEFAX: (617)587-5360
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
US-08-744-481A-31

Query Match          0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 908 AGCTCTGGAGACGA 922
Db 15 AGCTCTGGAAACGA 1

RESULT 535
5164304-15
; Patent No. 5164304
; APPLICANT: Johnson, Paul H.; Lazar, Jerome B.; Sohel, Indira
; Waleh, Nahid S.
```

```
;
; TITLE OF INVENTION: METHOD AND VECTORS FOR STABILIZING HIRUDIN
; AND HUMAN LAMININ B1 EXPRESSION
; NUMBER OF SEQUENCES: 26
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/347,545
; FILING DATE: 04-MAY-1989
; SEQ ID NO:15:
; LENGTH: 15
5164304-15

Query Match          0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1547 ATGGAACCCCAATG 1561
Db 1 ATGGAACCCGCGATG 15

RESULT 536
5179196-15
; Patent No. 5179196
; APPLICANT: JOHNSON, PAUL H.; WINANT, RICHARD C.; LAZAR,
; JEROME B.
; TITLE OF INVENTION: PURIFICATION OF PROTEINS EMPLOYING
; CTAP-III FUSIONS
; NUMBER OF SEQUENCES: 24
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/347,371
; FILING DATE: 04-MAY-1989
; SEQ ID NO:15:
; LENGTH: 15
5179196-15

Query Match          0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1547 ATGGAACCCCAATG 1561
Db 1 ATGGAACCCGCGATG 15

RESULT 537
5182195-29
; Patent No. 5182195
; APPLICANT: NAKAHAMA, KAZUO; KAISHO, YOSHIHIKO; YOSHIMURA, KOJI
; TITLE OF INVENTION: METHOD FOR INCREASING USING PROTEASE
; DEFICIENT YEASTS
; NUMBER OF SEQUENCES: 71
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/269,140
; FILING DATE: 09-NOV-1988
; SEQ ID NO:29:
; LENGTH: 15
5182195-29

Query Match          0.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 628 TGGGTCCAGGACAC 642
Db 1 TGGGTCCAGGACAC 15

RESULT 538
US-08-050-073-265/C
; Sequence 265, Application US/08050073
; Patent No. 5567809
; GENERAL INFORMATION:
; APPLICANT: Apple, Raymond J.
; APPLICANT: Begovich, Ann B.
```


APPLICANT: Bugawan, Teodorica L.
APPLICANT: Erlich, Henry A.
APPLICANT: Griffith, Robert L.
APPLICANT: Scharf, Stephen J.
TITLE OF INVENTION: Methods and Reagents for HLA DRbeta DNA
TITLE OF INVENTION: Typing
NUMBER OF SEQUENCES: 315
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoffmann-La Roche Inc.
STREET: 340 Kingsland Street
CITY: Nutley
STATE: New Jersey
COUNTRY: U.S.A.
ZIP: 07110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
FILING DATE: US/08/050,073
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Petry, Douglas A.
REGISTRATION NUMBER: 35,321
REFERENCE/DOCKET NUMBER: 8769
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2974
TELEFAX: (510) 814-2977
INFORMATION FOR SEQ ID NO: 265:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
US-08-050-073-265

Query Match 0.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 228 TCCACCGGCGCTGC 242
|||||
Db 15 TCCACCGGCGCGC 1

RESULT 539
US-08-344-695-35/c
Sequence 35, Application US/08344695
Patent No. 5614398
GENERAL INFORMATION:
APPLICANT: O'BROCHTA, DAVID
APPLICANT: WARREN, WILLIAM
APPLICANT: ATKINSON, PETER
TITLE OF INVENTION: A GENE TRANSFER SYSTEM FOR INSECTS
NUMBER OF SEQUENCES: 50
CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
ADDRESSEE: P.C.
STREET: 1755 S. Jefferson Davis Highway, Suite 400
CITY: Arlington
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/344,695

FILING DATE: 18-NOV-1994
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Keiber, Steven B.
REGISTRATION NUMBER: 30,073
REFERENCE/DOCKET NUMBER: 2747-058-27
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 413-3000
TELEFAX: (703) 413-2220
TELEX: 248855 OPAT UR
INFORMATION FOR SEQ ID NO: 35:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: other nucleic acid
US-08-344-695-35

Query Match 0.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1724 TAGAGCTGTGAATGA 1738
|||||
Db 16 TAGGCTGTAAATGA 2

RESULT 540
US-08-569-926-14/c
Sequence 14, Application US/08569926
Patent No. 5641756
GENERAL INFORMATION:
APPLICANT: ROBINSON, Gregory S.
TITLE OF INVENTION: MODIFIED VEGF OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lappin & Kusmer
STREET: 200 State Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/569,926
FILING DATE:

CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-031CP2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-330-1300
TELEFAX: 617-330-1311
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA/RNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-569-926-14

Query Match 0.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 865 TCTGCTGTCTATGCTT 879
|||||
Db 16 TCTGCTGTCTTGGGT 2

RESULT 541
US-08-281-106-48
; Sequence 48, Application US/08281106
; Patent No. 5646262
; GENERAL INFORMATION:
; APPLICANT: KORBA, Brent E.
; APPLICANT: GERIN, John L.
; TITLE OF INVENTION: Antisense Oligonucleotides Against
; TITLE OF INVENTION: Hepatitis B Viral Replication
; NUMBER OF SEQUENCES: 56
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 3000 K Street, N.W.
; CITY: Washington, D.C.
; COUNTRY: USA
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/281,106
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: BENT, Stephen A.
; REGISTRATION NUMBER: 29,768
; REFERENCE/DOCKET NUMBER: 66683/112/GEUN
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202 672 5300
; TELEFAX: 202 672 5399
; TELEX: 904136
; INFORMATION FOR SEQ ID NO: 48:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: YES
US-08-281-106-48

Query Match 0.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1702 AAGCCACCCAGACA 1716
|||||
Db 2 AAGCCACCCAGACA 16

RESULT 542
US-08-255-892-6
; Sequence 6, Application US/08255892
; Patent No. 5695926
; GENERAL INFORMATION:
; APPLICANT: CROS, PHILIPPE
; APPLICANT: ALLIBERT, PATRICE
; APPLICANT: MAILLET, FRANCOIS
; APPLICANT: MAILLET, CLAUDE
; APPLICANT: MANDRAND, BERNARD
; TITLE OF INVENTION: PROCEDURE FOR DETECTION OF A NUCLEOTIDE
; TITLE OF INVENTION: SEQUENCE BY IMPLEMENTING THE SANDWICH HYBRIDIZATION
; TITLE OF INVENTION: TECHNIQUE
; NUMBER OF SEQUENCES: 113
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CUSHMAN, DARBY & CUSHMAN

; STREET: 1100 NEW YORK AVENUE, N.W.
; CITY: WASHINGTON
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/255,892
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/834,543
; FILING DATE: 11-FEB-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: DEEVER, DONALD B.
; REGISTRATION NUMBER: 23,048
; REFERENCE/DOCKET NUMBER: 1032/94109
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-861-3000
; TELEFAX: 202-822-0944
; TELEX: 6714627 CUSH
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-255-892-6

Query Match 0.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1587 GTACACCCAGAGGA 1601
|||||
Db 1 GAACAGCCAGAGGA 15

RESULT 543
US-08-527-060-2/c
; Sequence 2, Application US/08527060
; Patent No. 5834440
; GENERAL INFORMATION:
; APPLICANT: Goldenberg, Tsvi
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT
; TITLE OF INVENTION: AND/OR PREVENTION OF RESTENOSIS
; NUMBER OF SEQUENCES: 35
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEED and BERRY
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/527,060
; FILING DATE: 12-SEP-1995
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Mcmasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 480134.402C1

TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-527-060-2

Query Match 0.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 366 TTCTGAAGACTGTCT 380
DB 15 TCCTGAAGACTGACT 1

RESULT 544

US-08-256-568B-34
Sequence 34, Application US/08256568B
Patent No. 5846704

GENERAL INFORMATION:
APPLICANT: MAERTENS, GEBERT; STUYVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
TITLE OF INVENTION: ISOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/256.568B
FILING DATE: 18-JUL-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402.129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/92/403.222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19.683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-256-568B-34

Query Match 0.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 542 GCCTGGGCATCTGGG 556
DB 2 GCCTGGTCATTTGGG 16

RESULT 545

US-08-485-133-72
Sequence 72, Application US/08485133
Patent No. 5976789

GENERAL INFORMATION:
APPLICANT: Allibert, Patrice A.
APPLICANT: Cros, Philippe
APPLICANT: Mach, Bernard F.
APPLICANT: Mandrand, Bernard F.
APPLICANT: Tiercy, Jean-Marie
TITLE OF INVENTION: SYSTEM OF PROBES ENABLING HLA-DR TYPING
TITLE OF INVENTION: TO BE PERFORMED, AND TYPING METHOD USING SAID PROBES
NUMBER OF SEQUENCES: 81
CORRESPONDENCE ADDRESS:
ADDRESSEE: OLIEF & BERRIDGE
STREET: P.O. Box 19928
CITY: Alexandria
STATE: Virginia
ZIP: 22320

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/485.133
FILING DATE: 7-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/030.143
FILING DATE: 11-MAR-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Berridge, William P.
REGISTRATION NUMBER: 30.024
REFERENCE/DOCKET NUMBER: WPB 28596A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6400
TELEFAX: 703-836-2787
INFORMATION FOR SEQ ID NO: 72:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-485-133-72

Query Match 0.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1587 GTACACCCAGAAGGA 1601
DB 1 GAACACCCAGAAGGA 15

RESULT 546

US-08-501-968-37
Sequence 37, Application US/08501968
Patent No. 5985662

GENERAL INFORMATION:
APPLICANT: Kevin Anderson and Lex Cowser
TITLE OF INVENTION: Antisense Inhibition of Hepatitis B
TITLE OF INVENTION: Virus Replication

```
;
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jane Massey Licata, Esq.
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/501,968
; FILING DATE: herewith
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA: none
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0128
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
;
; US-08-501-968-37
;
; Query Match 0.7%; Score 11.8; DB 1; Length 16;
; Best Local Similarity 86.7%; Pred. No. 2.5e+02;
; Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 1702 AAGCCACCCAGGCA 1716
; Db 1 AAGCCACCCAGGCA 15
;
; RESULT 547
; US-08-757-024-767
; Sequence 767, Application US/08757024
; Patent No. 6025339
; GENERAL INFORMATION:
; APPLICANT: Nyce, Jonathan W.
; TITLE OF INVENTION: METHOD OF TREATMENT FOR ASTHMA
; NUMBER OF SEQUENCES: 952
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BELL, SELTZER, PARK & GIBSON
; STREET: P.O. Drawer 34009
; CITY: Charlotte
; STATE: No. 6025339th Carolina
; COUNTRY: USA
; ZIP: 28234
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/757,024
; FILING DATE: 26-NOV-1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Sibley, Kenneth D.
; REGISTRATION NUMBER: 31,665
; REFERENCE/DOCKET NUMBER: 5218-41
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919-881-3140
; TELEFAX: 919-881-3175
; TELEX: 575102
; INFORMATION FOR SEQ ID NO: 812:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
;
; US-08-757-024-812
;
; Query Match 0.7%; Score 11.8; DB 1; Length 16;
; Best Local Similarity 86.7%; Pred. No. 2.5e+02;
; Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 72 GCGCTTGGGGGCGCA 86
; Db 1 GCGATGGCGGGCGCA 15
;
; RESULT 549
; US-08-757-024-882/c
```

```
;
; TELEPHONE: 919-881-3140
; TELEFAX: 919-881-3175
; TELEX: 575102
; INFORMATION FOR SEQ ID NO: 767:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
;
; US-08-757-024-767
;
; Query Match 0.7%; Score 11.8; DB 1; Length 16;
; Best Local Similarity 86.7%; Pred. No. 2.5e+02;
; Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 70 GCGGCTTGGGGGCGCA 84
; Db 2 GCGGCTTGGGGGCGCA 16
;
; RESULT 548
; US-08-757-024-812
; Sequence 812, Application US/08757024
; Patent No. 6025339
; GENERAL INFORMATION:
; APPLICANT: Nyce, Jonathan W.
; TITLE OF INVENTION: METHOD OF TREATMENT FOR ASTHMA
; NUMBER OF SEQUENCES: 952
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BELL, SELTZER, PARK & GIBSON
; STREET: P.O. Drawer 34009
; CITY: Charlotte
; STATE: No. 6025339th Carolina
; COUNTRY: USA
; ZIP: 28234
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/757,024
; FILING DATE: 26-NOV-1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Sibley, Kenneth D.
; REGISTRATION NUMBER: 31,665
; REFERENCE/DOCKET NUMBER: 5218-41
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919-881-3140
; TELEFAX: 919-881-3175
; TELEX: 575102
; INFORMATION FOR SEQ ID NO: 812:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
;
; US-08-757-024-812
;
; Query Match 0.7%; Score 11.8; DB 1; Length 16;
; Best Local Similarity 86.7%; Pred. No. 2.5e+02;
; Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 72 GCGCTTGGGGGCGCA 86
; Db 1 GCGATGGCGGGCGCA 15
;
; RESULT 549
; US-08-757-024-882/c
```

```
; Sequence 882, Application US/08757024
; Patent No. 6025339
; GENERAL INFORMATION:
; APPLICANT: Nyce, Jonathan W.
; TITLE OF INVENTION: METHOD OF TREATMENT FOR ASTHMA
; NUMBER OF SEQUENCES: 952
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BELL, SELTZER, PARK & GIBSON
; CITY: Charlotte
; STATE: No. 6025339th Carolina
; COUNTRY: USA
; ZIP: 28234
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/757,024
; FILING DATE: 26-NOV-1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Sibley, Kenneth D.
; REGISTRATION NUMBER: 31,665
; REFERENCE/DOCKET NUMBER: 5218-41
; TELEPHONE: 919-881-3140
; TELEFAX: 919-881-3175
; TELEX: 575102
; INFORMATION FOR SEQ ID NO: 882:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-757-024-882

Query Match 0.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 160 GCACAGCCTGTGGCC 174
Db 16 GCCCAGCCTGTGGCC 2

RESULT 550
US-08-757-024-945/c
; Sequence 945, Application US/08757024
; Patent No. 6025339
; GENERAL INFORMATION:
; APPLICANT: Nyce, Jonathan W.
; TITLE OF INVENTION: METHOD OF TREATMENT FOR ASTHMA
; NUMBER OF SEQUENCES: 952
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BELL, SELTZER, PARK & GIBSON
; CITY: Charlotte
; STATE: No. 6025339th Carolina
; COUNTRY: USA
; ZIP: 28234
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/757,024
; FILING DATE: 26-NOV-1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
```

```
; NAME: Sibley, Kenneth D.
; REGISTRATION NUMBER: 31,665
; REFERENCE/DOCKET NUMBER: 5218-41
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919-881-3140
; TELEFAX: 919-881-3175
; TELEX: 575102
; INFORMATION FOR SEQ ID NO: 945:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-757-024-945

Query Match 0.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 160 GCACAGCCTGTGGCC 174
Db 16 GCCCAGCCTGTGGCC 2

RESULT 551
US-08-038-369B-34
; Sequence 34, Application US/09038369B
; Patent No. 6171784
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVESWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,369B
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCI/EP93/03325
; FILING DATE: 26-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
```

```
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: genomic DNA
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
US-09-038-369B-34

Query Match      0.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      542 GCCTGGGCACTCTGGG 556
Db      |||||
        2 GCCTGGTCATTGGG 16

RESULT 552
US-09-034-205-68
; Sequence 68, Application US/09034205
; Patent No. 6194149
; GENERAL INFORMATION:
; APPLICANT: Smyth, Adrienne P.
; APPLICANT: Robinson, Gregory S.
; TITLE OF INVENTION: MODIFIED VEGF
; TITLE OF INVENTION: OLIGONUCLEOTIDES FOR TREATMENT OF SKIN
; DISORDERS
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hale and Dorr
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0,
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/761,708
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-031CP4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-526-5000
; TELEFAX: 617-526-6000
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA/RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-761-708-14

Query Match      0.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      865 TCTGCTGTCATGGTT 879
Db      |||||
        16 TCTGCTGTCATGGGT 2

RESULT 554
US-09-677-218B-68
; Sequence 68, Application US/09677218B
; Patent No. 6355437
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Fors, Lance
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
; STRUCTURE-BRIDGING OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 68
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk

US-09-034-205-68

Query Match      0.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      234 GCAGCCTCCAGGACC 248
Db      |||||
        1 GCAGCCTCCAGGACC 15

RESULT 553
US-08-761-708-14/c
; Sequence 14, Application US/08761708
```

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/677,218B
FILING DATE: 02-Oct-2000
CLASSIFICATION: <Unknown>
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 09/034,205
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Macknight, Karin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-03268
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 68:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 68:

US-09-677-218B-68

Query Match 0.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 234 GCAGCCTGCAGAAC 248
DB 1 GCAGCCTCCAGACC 15

RESULT 555

US-09-677-192-68

Sequence 68, Application US/09677192
Patent No. 6358691
GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor I.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Fors, Lance
APPLICANT: Neri, Bruce P.
TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING
FILE REFERENCE: FORS-04708
CURRENT APPLICATION NUMBER: US/09/677,192
CURRENT FILING DATE: 2000-10-02
PRIOR APPLICATION NUMBER: 09/034,205
PRIOR FILING DATE: 1998-03-03
NUMBER OF SEQ ID NOS: 68
SOFTWARE: Patent in Ver. 2.0
SEQ ID NO 68
LENGTH: 16
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic

US-09-677-192-68

Query Match 0.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 234 GCAGCCTGCAGAAC 248
DB 1 GCAGCCTCCAGACC 15

RESULT 556

US-08-666-341A-73/c

Sequence 73, Application US/08666341A
Patent No. 6365345
GENERAL INFORMATION:

APPLICANT:
TITLE OF INVENTION: Antisense nucleic Acids for the
TITLE OF INVENTION: prevention and treatment of disorders in which expression
NUMBER OF SEQUENCES: 106
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jacobson, Price, Holman and Stern, PLLC
STREET: 400 Seventh street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disc
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/666,341A
FILING DATE: 15-AUG-1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 93120710.4
INFORMATION FOR SEQ ID NO: 73:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
ANTI-SENSE: YES

US-08-666-341A-73

Query Match 0.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1604 GGTATCTGCAGATTG 1618
DB 15 GGTATCTGCAGATTG 1

RESULT 557

US-09-320-911-14/c

Sequence 14, Application US/09320911
Patent No. 6399586
GENERAL INFORMATION:
APPLICANT: SMYTH, Adrienne P.
ROBINSON, Gregory S.
TITLE OF INVENTION: MODIFIED VEGF OLIGONUCLEOTIDES FOR
TREATMENT OF SKIN DISORDERS
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hale and Dorr L.L.P.
STREET: 60 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: United States
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/320,911
FILING DATE: 27-May-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 09/124,304
FILING DATE: 29-JUL-1998
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
ISOLATES
APPLICATION NUMBER: US 08/629,730
FILING DATE: 09-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-031CP4CN
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 526-6000
TELEFAX: (617) 526-5000
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA/RNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
SEQUENCE DESCRIPTION: SEQ ID NO: 14:
US-09-320-911-14

Query Match 0.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 865 TCTGCTGTCATGTT 879
Db 16 TCTGCTGTCATGTT 2

RESULT 558
US-09-531-000-52
Sequence 52, Application US/09531000
Patent No. 6461810
GENERAL INFORMATION:
APPLICANT: JOHNSON, Marion D.
APPLICANT: FRESCO, Jacques R.
TITLE OF INVENTION: TRIPLEX IN-SITU HYBRIDIZATION
FILE REFERENCE: 2448-103
CURRENT APPLICATION NUMBER: US/09/531,000
CURRENT FILING DATE: 2000-09-08
PRIOR APPLICATION NUMBER: PCT/US98/23765
PRIOR FILING DATE: 1998-11-10
PRIOR APPLICATION NUMBER: 60/064,997
PRIOR FILING DATE: 1997-11-10
NUMBER OF SEQ ID NOS: 77
SOFTWARE: Patent In Ver. 2.1
SEQ ID NO 52
LENGTH: 16
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target
OTHER INFORMATION: sequences
US-09-531-000-52

Query Match 0.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 890 GACAGAGACGGGAG 904
Db 2 GAAGAAGACAGAAG 16

RESULT 559
US-09-378-900A-34
Sequence 34, Application US/09378900A
Patent No. 6495670

GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
ISOLATES
APPLICATION NUMBER: US 08/629,730
FILING DATE: 09-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-031CP4CN
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 526-6000
TELEFAX: (617) 526-5000
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA/RNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
SEQUENCE DESCRIPTION: SEQ ID NO: 14:
US-09-320-911-14

Query Match 0.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 542 GCCTGGCATCTGGG 556
Db 2 GCCTGGCATCTGGG 16

RESULT 560
US-09-199-269-48
Sequence 48, Application US/09199269
Patent No. 6503533
GENERAL INFORMATION:
APPLICANT: KORBA, Brent E.
GERIN, John L.
TITLE OF INVENTION: Hepatitis B Viral Replication
NUMBER OF SEQUENCES: 56
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W.

CITY: Washington, D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/199,269
FILING DATE: 25-Nov-1998
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/281,106
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 66683/112/GEUN
TELEPHONE: 202 672 5300
TELEFAX: 202 672 5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 48:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: YES
SEQUENCE DESCRIPTION: SEQ ID NO: 48:
US-09-199-269-48

Query Match 0.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1702 AAGCCACCCAGGCA 1716
|||||
Db 2 AAGCCACCCAGGCA 16

RESULT 561
US-09-060-239-418
Sequence 418, Application US/09060239
Patent No. 6545137
GENERAL INFORMATION:
APPLICANT: Todd, John A
APPLICANT: Hess, John W
APPLICANT: Caskey, Charles T
APPLICANT: Cox, Roger D
APPLICANT: Gerhold, David
APPLICANT: Hammond, Holly
APPLICANT: Hey, Patricia
APPLICANT: Kawaguchi, Yoshihiko
APPLICANT: Merriman, Tony R
APPLICANT: Metzker, Michael L
TITLE OF INVENTION: No. 6545137el Receptor
NUMBER OF SEQUENCES: 455
CORRESPONDENCE ADDRESS:
ADDRESSEE: Nixon and Vanderhye
STREET: 1100 No. 6545137th Glebe Road, Eighth Floor
CITY: Arlington
STATE: Virginia
COUNTRY: US
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/060,299
FILING DATE: 15-APR-1998

CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-APR-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: B.J. Sadoff
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 620-35
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 816-4091
TELEFAX: (703) 816-4100
INFORMATION FOR SEQ ID NO: 418:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
US-09-060-299-418

Query Match 0.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 761 TTCTGTGAGTGCGG 775
|||||
Db 2 TTCTGTGAGTGCGG 16

RESULT 562
US-09-899-044-34
Sequence 34, Application US/09899044
Patent No. 6548244
GENERAL INFORMATION:
APPLICANT: MAERTENS, GERT; STUYVER, LIEVEN;
ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
ISOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,044
FILING DATE: 06-JUL-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/378,900
FILING DATE: <Unknown>
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002

US-09-371-772B-5766

Query Match 0.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1311 TGTCCTCTGTGTAT 1325
| | | | | | | | | | | | | | | |
Db 16 TGGCACATCTGTGTAT 2

RESULT 566

US-09-371-772B-6102
; Sequence 6102, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371.772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 6102
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6102

Query Match 0.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 66.7%; Pred. No. 2.5e+02;
Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 501 TGTCGCCCATGAAAA 515
| | | | | | | | | | | | | | | |
Db 1 UCCUGCAUGAAAA 15

RESULT 567

US-09-371-772B-7117
; Sequence 7117, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371.772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 7117
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-7117

Query Match 0.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 53.3%; Pred. No. 2.5e+02;
Matches 8; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 55 ACTCTCTCTGCTTCC 69
| | | | | | | | | | | | | | | |
Db 2 ACUCUCUCGCGUAC 16

RESULT 568

PCT-US96-10984-37
; Sequence 37, Application PC/TUS9610984
; GENERAL INFORMATION:
; APPLICANT: Kevin Anderson and Lex Cowsett
; TITLE OF INVENTION: Antisense Inhibition of Hepatitis B
; TITLE OF INVENTION: Virus Replication
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jane Massey Licata, Esq.
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb
; MEDIUM TYPE: STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/10984
; FILING DATE: Herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA: none
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0128
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
PCT-US96-10984-37

Query Match 0.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1702 AAGCCACCCCGACGA 1716
| | | | | | | | | | | | | | | |
Db 1 AAGCCACCCCGACGA 15

RESULT 569

US-09-101-886B-81
; Sequence 81, Application US/09101886B
; Patent No. 6197507
; GENERAL INFORMATION:
; APPLICANT: BERG, THOMAS
; APPLICANT: TOLLERSRUD, OLE K
; APPLICANT: NILSEN, OIVIND
; TITLE OF INVENTION: GENETIC TEST FOR ALPHA-MANNOSIDOSIS
; NUMBER OF SEQUENCES: 104
; CORRESPONDENCE ADDRESS:
;

ADDRESSEE: BARBARA G. ERNST
STREET: 555 13TH STREET, NW SUITE 701E
CITY: WASHINGTON
STATE: DC
COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/101,886B
FILING DATE: 29-JANUARY-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB97/00109
FILING DATE: 12-JAN-1997
ATTORNEY/AGENT INFORMATION:
NAME: ERNST, BARBARA G.
REGISTRATION NUMBER: 30,377
REFERENCE/DOCKET NUMBER: 1181-240
TELEPHONE: 202-783-6040
TELEFAX: 202-783-6031
INFORMATION FOR SEQ ID NO: 81:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-101-886B-81

Query Match 0.7%; Score 11.8; DB 1; Length 20;
Best Local Similarity 86.7%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 966 CAGAGAGAGTCACCC 980
DB 3 CAGAGAGAGTGAGCC 17

RESULT 570
US-09-534-638-19/c
Sequence 19, Application US/09534638
Patent No. 6320038
GENERAL INFORMATION:
APPLICANT: Panula, Pertti A.J.
APPLICANT: Brandt, Annika
APPLICANT: Westerlund, Johanna
TITLE OF INVENTION: Promoter for Neurotrophin FF Promoter and use thereof
TITLE OF INVENTION: for therapy and diagnosis
FILE REFERENCE: 2530-104
CURRENT APPLICATION NUMBER: US/09/534,638
CURRENT FILING DATE: 2000-03-27
EARLIER APPLICATION NUMBER: 09/365755
EARLIER FILING DATE: 1999-08-03
NUMBER OF SEQ ID NOS: 22
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 19
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: antisense
OTHER INFORMATION: Primer for human
US-09-534-638-19

Query Match 0.7%; Score 11.8; DB 1; Length 23;
Best Local Similarity 69.6%; Pred. No. 4.5e+02;

Matches 16; Conservative 0; Mismatches 7; Indels 0; Gaps 0;
QY 451 GGAGGGGGCTGATGGTGGTGC 473
DB 23 GTAGAGGGTAGGTGGTGGCAGC 1

RESULT 571
US-08-292-620A-1663/c
Sequence 1663, Application US/08292620A
Patent No. 5837542
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
RELATED TO LEVELS OF
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1663:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-1663

Query Match 0.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 3.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1024 CTTGAGAGGCTTC 1036
DB 13 CTTGAGAGGCTTC 1

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RESULT 572
US-08-292-620A-2011/c
; Sequence 2011, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2011:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-292-620A-2011
Query Match 0.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 3.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1024 CTTGAAGAGCTTC 1036
Db 13 CTTGAAGAGCTTC 1

RESULT 573
US-09-071-845-2011/c
; Sequence 1663, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2011:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-071-845-2011/c
Query Match 0.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 3.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1024 CTTGAAGAGCTTC 1036
Db 13 CTTGAAGAGCTTC 1

RESULT 574
US-09-071-845-2011/c
; Sequence 2011, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE: December 7, 1992
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1663:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-071-845-1663
Query Match 0.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 3.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1024 CTTGAAGAGCTTC 1036
Db 13 CTTGAAGAGCTTC 1
```

;; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
;; NUMBER OF SEQUENCES: 2390
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Lyon & Lyon
;; STREET: 633 West Fifth Street
;; CITY: Suite 4700
;; STATE: Los Angeles
;; COUNTRY: U.S.A.
;; ZIP: 90071-2066
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;; MEDIUM TYPE: storage
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: IBM P.C. DOS 5.0
;; SOFTWARE: Word Perfect 5.1
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/071,845
;; FILING DATE:
;; CLASSIFICATION:
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US/08/292,620
;; FILING DATE: August 17, 1994
;; APPLICATION NUMBER: 08/008,895
;; FILING DATE: January 19, 1993
;; APPLICATION NUMBER: 07/989,849
;; FILING DATE: December 7, 1992
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 208/149
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 2011:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 17 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; US-09-071-845-2011

Query Match 0.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 3.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1024 CCTGAAGAGCTTC 1036
Db 13 CTTGAAGAGCTTC 1

RESULT 575
US-08-679-645-192/c
; Sequence 192, Application US/08679645
; Patent No. 6350934
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; APPLICANT: Edington, Brent E.
; APPLICANT: McSwiggen, James A.
; APPLICANT: Merlo, Patricia Ann Owens
; APPLICANT: Guo, Lining
; APPLICANT: Skokut, Thomas A.
; APPLICANT: Young, Scott A.
; APPLICANT: Folkerts, Otto
; APPLICANT: Merlo, Donald J.
; TITLE OF INVENTION: MODULATION AND METHODS FOR
; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street

;; STREET: Suite 4700
;; CITY: Los Angeles
;; STATE: California
;; COUNTRY: U.S.A.
;; ZIP: 90071-2066
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;; MEDIUM TYPE: storage
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: IBM P.C. DOS 5.0
;; SOFTWARE: Word Perfect 5.1
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/679,645
;; FILING DATE: July 12, 1996
;; CLASSIFICATION: 800
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 60/001,135
;; FILING DATE: July 13, 1995
;; APPLICATION NUMBER: 08/300,726
;; FILING DATE: September 2, 1994
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 219/247
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 192:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 17 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; US-08-679-645-192

Query Match 0.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 3.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1434 CGGGATGAGCTC 1446
Db 13 CGGAGATGAGCTC 1

RESULT 576
US-08-585-684B-2494/c
; Sequence 2494, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B

;; FILING DATE: January 16, 1996
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 60/000,951
;; FILING DATE: July 7, 1995
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 218/078
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 2494:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 18 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; US-08-585-684B-2494

Query Match 0.7%; Score 11.4; DB 1; Length 18;
Best Local Similarity 92.3%; Pred. No. 3.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1020 AACACCTGAAGAG 1032
Db 18 AACACCTGAAGAG 6

RESULT 577
US-09-038-073-2494/c
; Sequence 2494, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2494:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid

;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; US-09-038-073-2494

Query Match 0.7%; Score 11.4; DB 1; Length 18;
Best Local Similarity 92.3%; Pred. No. 3.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1020 AACACCTGAAGAG 1032
Db 18 AACACCTGAAGAG 6

RESULT 578
US-09-198-452A-6045/c
; Sequence 6045, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragmen
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, pre
; FILE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6045
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
; US-09-198-452A-6045

Query Match 0.7%; Score 11.4; DB 1; Length 20;
Best Local Similarity 92.3%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 738 CAAGAACCTCTTC 750
Db 19 CAAGAACCTCTTC 7

RESULT 579
US-08-569-926-14
; Sequence 14, Application US/08569926
; Patent No. 5641756
; GENERAL INFORMATION:
; APPLICANT: Robinson, Gregory S.
; TITLE OF INVENTION: MODIFIED VEGF OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lappin & Kusner
; STREET: 200 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/569,926
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-031CP2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-330-1300
; TELEFAX: 617-330-1311
; INFORMATION FOR SEQ ID NO: 14:

/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 16 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA/RNA
/ HYPOTHETICAL: NO
/ ANTI-SENSE: YES
US-08-569-926-14

Query Match 0.6%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1706 CACCCGACAGACAGA 1721
Db 1 CACCCGACAGACAGA 16

RESULT 580

US-08-761-708-14
/ Sequence 14, Application US/08761708
/ Patent No. 6306829
/ GENERAL INFORMATION:

/ APPLICANT: Smyth, Adrienne P.
/ TITLE OF INVENTION: MODIFIED VEGF
/ TITLE OF INVENTION: OLIGONUCLEOTIDES FOR TREATMENT OF SKIN
/ DISORDERS
/ NUMBER OF SEQUENCES: 26
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Hale and Dorr
/ STREET: 60 State Street
/ CITY: Boston
/ STATE: MA
/ COUNTRY: USA
/ ZIP: 02109

COMPUTER READABLE FORM:

/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent in Release #1.0,
/ Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/761,708
/ FILING DATE:

CLASSIFICATION: 514

/ ATTORNEY/AGENT INFORMATION:
/ NAME: Kerner, Ann-Louise
/ REGISTRATION NUMBER: 33,523
/ REFERENCE/DOCKET NUMBER: HYZ-031CP4
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 617-526-5000
/ TELEFAX: 617-526-6000

/ INFORMATION FOR SEQ ID NO: 14:

SEQUENCE CHARACTERISTICS:

/ LENGTH: 16 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA/RNA
/ HYPOTHETICAL: NO
/ ANTI-SENSE: YES

US-08-761-708-14

Query Match 0.6%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1706 CACCCGACAGACAGA 1721
Db 1 CACCCGACAGACAGA 16

RESULT 581

US-09-320-911-14
/ Sequence 14, Application US/09320911
/ Patent No. 639586
/ GENERAL INFORMATION:

/ APPLICANT: Smyth, Adrienne P.
/ TITLE OF INVENTION: MODIFIED VEGF OLIGONUCLEOTIDES FOR
/ TREATMENT OF SKIN DISORDERS
/ NUMBER OF SEQUENCES: 26
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Hale and Dorr L.L.P.
/ STREET: 60 State Street
/ CITY: Boston
/ STATE: Massachusetts
/ COUNTRY: United States
/ ZIP: 02109

COMPUTER READABLE FORM:

/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent in Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/320,911
/ FILING DATE: 27-May-1999
/ CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

/ APPLICATION NUMBER: US 09/124,304
/ FILING DATE: 29-JUL-1998
/ APPLICATION NUMBER: US 08/569,926
/ FILING DATE: 08-DEC-1995
/ APPLICATION NUMBER: US 08/629,730
/ FILING DATE: 09-APR-1996

ATTORNEY/AGENT INFORMATION:

/ NAME: Kerner, Ann-Louise
/ REGISTRATION NUMBER: 33,523
/ REFERENCE/DOCKET NUMBER: HYZ-031CP4CN
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (617) 526-6000
/ TELEFAX: (617) 526-5000

INFORMATION FOR SEQ ID NO: 14:

/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 16 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA/RNA
/ HYPOTHETICAL: NO
/ ANTI-SENSE: YES

/ SEQUENCE DESCRIPTION: SEQ ID NO: 14:

US-09-320-911-14

Query Match 0.6%; Score 11.2; DB 1; Length 16;

Best Local Similarity 81.2%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1706 CACCCGACAGACAGA 1721
Db 1 CACCCGACAGACAGA 16

Search completed: February 4, 2004, 11:04:17
Job time : 12 secs

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: February 4, 2004, 11:04:05 ; Search time 10 Seconds
(without alignments)
3.375 Million cell updates/sec

Title: us-09-920-394-3

Perfect score: 1728
Sequence: 1 tgcgccttcacgatgtgg.....catagagctgtgaatgaaga 1728

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 0.5

Searched: 566 seqs, 9766 residues

Total number of hits satisfying chosen parameters: 1132

Minimum DB seq length: 8

Maximum DB seq length: 50

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 581 summaries

Database : rni.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match %	Length	DB ID	Description
C 1	16.8	1.0	20	1	US-09-295-593-16
C 2	16.8	1.0	23	1	US-09-534-638-19
C 3	16.4	0.9	20	1	US-08-193-039B-27
C 4	16.4	0.9	20	1	US-08-198-452A-4524
C 5	15.8	0.9	20	1	US-09-689-255C-23
C 6	15.8	0.9	22	1	US-08-955-138-25
C 7	15.4	0.9	17	1	US-08-758-306-587
C 8	15.4	0.9	20	1	US-09-166-186-95
C 9	15.4	0.9	20	1	US-09-313-932-95
C 10	15.4	0.9	20	1	US-09-198-452A-1776
C 11	15.4	0.9	21	1	US-09-009-913-134
C 12	15.2	0.9	20	1	US-09-021-701-207
C 13	15.2	0.9	20	1	US-09-659-791A-87
C 14	15.2	0.9	20	1	US-09-742-703-22
C 15	15.2	0.9	20	1	US-09-780-173A-81
C 16	15.2	0.9	21	1	US-08-290-311-10
C 17	15.2	0.9	21	1	US-08-471-072-4
C 18	15.2	0.9	21	1	US-08-783-786-10
C 19	15.2	0.9	21	1	US-08-680-326-146
C 20	15.2	0.9	21	1	US-08-470-885-4
C 21	15.2	0.9	21	1	US-08-840-316-40
C 22	15.2	0.9	21	1	US-08-809-523-40
C 23	15.2	0.9	21	1	US-08-471-971-40
C 24	15.2	0.9	21	1	US-09-402-776-40
C 25	15.2	0.9	21	1	US-09-782-971-4
C 26	15.2	0.9	21	1	US-09-422-978-10840
C 27	15.2	0.9	21	1	PCT-US93-08849A-40
C 28	15.2	0.9	21	1	PCT-US93-08849-40
C 29	15	0.9	20	1	5219727-7
C 30	14.8	0.9	18	1	US-09-630-706-77
C 31	14.8	0.9	18	1	US-08-584-040-8408
C 32	14.8	0.9	18	1	US-09-194-842A-48
C 33	14.8	0.9	18	1	US-09-371-772B-4064

34	14.8	0.9	20	1	US-08-531-556-46	Sequence 46, Appl
35	14.8	0.9	20	1	US-08-472-416-46	Sequence 46, Appl
C 36	14.8	0.9	20	1	US-08-715-142-22	Sequence 22, Appl
C 37	14.8	0.9	20	1	US-08-753-979A-6	Sequence 6, Appl
C 38	14.8	0.9	20	1	US-08-227-180B-37	Sequence 37, Appl
C 39	14.8	0.9	20	1	US-08-480-655-25	Sequence 25, Appl
C 40	14.8	0.9	20	1	US-09-418-640-73	Sequence 73, Appl
C 41	14.8	0.9	20	1	US-09-455-683-25	Sequence 25, Appl
C 42	14.8	0.9	20	1	US-09-702-246-39	Sequence 39, Appl
C 43	14.8	0.9	20	1	US-09-506-073-83	Sequence 83, Appl
C 44	14.8	0.9	20	1	US-09-198-452A-4180	Sequence 4180, Ap
C 45	14.8	0.9	20	1	US-09-198-452A-5641	Sequence 5641, Ap
C 46	14.8	0.9	21	1	US-09-422-978-8238	Sequence 8238, Ap
C 47	14.4	0.8	17	1	US-08-373-124A-310	Sequence 310, App
C 48	14.4	0.8	17	1	US-08-435-628-310	Sequence 310, App
C 49	14.4	0.8	18	1	US-08-585-684B-2494	Sequence 2494, Ap
C 50	14.4	0.8	18	1	US-09-038-073-2494	Sequence 2494, Ap
C 51	14.4	0.8	18	1	US-09-167-109-96	Sequence 96, Appl
C 52	14.4	0.8	20	1	US-08-379-072A-4	Sequence 4, Appl
C 53	14.4	0.8	20	1	US-08-478-039-114	Sequence 114, App
C 54	14.4	0.8	20	1	US-08-481-869-4	Sequence 4, Appl
C 55	14.4	0.8	20	1	US-08-476-349A-114	Sequence 114, App
C 56	14.4	0.8	20	1	US-09-089-195-23	Sequence 23, Appl
C 57	14.4	0.8	20	1	US-09-198-452A-5023	Sequence 5023, Ap
C 58	14.2	0.8	19	1	US-08-079-110A-2	Sequence 2, Appl
C 59	14.2	0.8	19	1	US-08-196-630A-2	Sequence 2, Appl
C 60	14.2	0.8	19	1	US-08-196-630A-5	Sequence 5, Appl
C 61	14.2	0.8	19	1	US-08-573-186-2	Sequence 2, Appl
C 62	14.2	0.8	19	1	US-09-230-652-117	Sequence 117, App
C 63	14.2	0.8	20	1	US-07-613-083B-3	Sequence 3, Appl
C 64	14.2	0.8	20	1	US-07-972-791-32	Sequence 32, Appl
C 65	14.2	0.8	20	1	US-08-355-892-70	Sequence 70, Appl
C 66	14.2	0.8	20	1	US-08-460-806-23	Sequence 23, Appl
C 67	14.2	0.8	20	1	US-08-325-630-23	Sequence 23, Appl
C 68	14.2	0.8	20	1	US-09-357-072-72	Sequence 72, Appl
C 69	14.2	0.8	20	1	US-09-357-070-30	Sequence 30, Appl
C 70	14.2	0.8	20	1	US-09-517-584A-31	Sequence 31, Appl
C 71	14.2	0.8	20	1	US-09-429-322-89	Sequence 89, Appl
C 72	14.2	0.8	20	1	US-09-101-886B-81	Sequence 81, Appl
C 73	14.2	0.8	20	1	US-09-290-640-79	Sequence 79, Appl
C 74	14.2	0.8	20	1	US-09-313-932-312	Sequence 312, App
C 75	14.2	0.8	20	1	US-09-021-701-206	Sequence 206, App
C 76	14.2	0.8	20	1	US-09-021-701-208	Sequence 208, App
C 77	14.2	0.8	20	1	US-09-467-642-36	Sequence 36, Appl
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C 79	14.2	0.8	20	1	US-09-530-479-13	Sequence 13, Appl
C 80	14.2	0.8	20	1	US-09-657-452A-99	Sequence 99, Appl
C 81	14.2	0.8	20	1	US-09-222-938A-82	Sequence 82, Appl
C 82	14.2	0.8	20	1	US-09-658-688A-22	Sequence 22, Appl
C 83	14.2	0.8	20	1	US-09-658-688A-82	Sequence 82, Appl
C 84	14.2	0.8	20	1	US-08-754-477A-116	Sequence 116, App
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C 87	14.2	0.8	20	1	US-09-198-452A-3643	Sequence 3643, Ap
C 88	14.2	0.8	20	1	US-09-198-452A-6045	Sequence 6045, Ap
C 89	14.2	0.8	20	1	US-09-198-452A-6338	Sequence 6338, App
C 90	14.2	0.8	20	1	US-09-198-452A-6311	Sequence 6311, App
C 91	14	0.8	15	1	US-08-292-620A-338	Sequence 338, App
C 92	14	0.8	15	1	US-09-071-845-338	Sequence 338, App
C 93	14	0.8	15	1	PCT-US93-02611-2	Sequence 2, Appl
C 94	14	0.8	15	1	US-08-649-046-9	Sequence 9, Appl
C 95	14	0.8	17	1	US-08-229-528-18	Sequence 18, Appl
C 96	14	0.8	18	1	US-08-117-364A-1	Sequence 1, Appl
C 97	14	0.8	18	1	US-08-457-733-1	Sequence 1, Appl
C 98	14	0.8	18	1	US-08-457-996A-1	Sequence 1, Appl
C 99	14	0.8	18	1	US-09-422-978-7185	Sequence 7185, Ap
C 100	14	0.8	19	1	US-08-086-915-9	Sequence 9, Appl
C 101	14	0.8	20	1	US-09-422-978-4532	Sequence 2, Appl
C 102	14	0.8	20	1	US-09-076-259-2	Sequence 2, Appl
C 103	13.8	0.8	17	1	US-09-716-319-2	Sequence 2, Appl
C 104	13.8	0.8	17	1	US-08-373-124A-1337	Sequence 1337, Ap
C 105	13.8	0.8	17	1	US-08-758-306-585	Sequence 585, App
C 106	13.8	0.8	17	1	US-08-758-306-589	Sequence 589, App

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109	13.8	0.8	17	1	US-08-232-620A-2011	Sequence 2011, App	182	13.2	0.8	18	1	US-08-643-212-57	Sequence 57, Appl
c 110	13.8	0.8	17	1	US-08-770-234-2	Sequence 2, Appl	c 183	13.2	0.8	18	1	US-09-338-907-390	Sequence 390, Appl
111	13.8	0.8	17	1	US-08-173-489C-37	Sequence 37, Appl	c 184	13.2	0.8	18	1	US-08-891-232A-78	Sequence 78, Appl
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113	13.8	0.8	17	1	US-09-071-845-1663	Sequence 1663, App	c 186	13.2	0.8	18	1	US-09-218-207-390	Sequence 390, App
114	13.8	0.8	17	1	US-09-071-845-2011	Sequence 2011, App	187	13.2	0.8	18	1	US-09-053-831-18	Sequence 18, Appl
115	13.8	0.8	17	1	US-08-584-040-2865	Sequence 2865, App	188	13.2	0.8	18	1	US-09-422-978-5253	Sequence 5253, App
c 116	13.8	0.8	17	1	US-08-584-040-2866	Sequence 2866, App	189	13.2	0.8	18	1	US-09-422-978-5420	Sequence 5420, App
c 117	13.8	0.8	17	1	US-08-584-040-2867	Sequence 2867, App	c 190	13.2	0.8	18	1	US-09-422-978-9769	Sequence 9769, App
c 118	13.8	0.8	17	1	US-08-584-040-8091	Sequence 8091, App	c 191	13.2	0.8	18	1	US-09-927-737C-78	Sequence 78, Appl
c 119	13.8	0.8	17	1	US-09-474-432B-790	Sequence 790, App	c 192	13.2	0.8	18	1	US-09-344-260A-2	Sequence 2, Appl
c 120	13.8	0.8	17	1	US-08-371-772B-1389	Sequence 1389, App	c 193	13.2	0.8	18	1	PCT-US95-03731-35	Sequence 35, Appl
c 121	13.8	0.8	17	1	US-08-371-772B-1390	Sequence 1390, App	194	13	0.8	15	1	US-08-292-620A-339	Sequence 339, App
c 122	13.8	0.8	17	1	US-08-371-772B-1391	Sequence 1391, App	195	13	0.8	15	1	US-08-585-684B-92	Sequence 92, Appl
c 123	13.8	0.8	17	1	US-08-371-772B-3874	Sequence 3874, App	196	13	0.8	15	1	US-09-071-845-339	Sequence 339, App
c 124	13.8	0.8	17	1	US-08-770-532-19	Sequence 19, Appl	197	13	0.8	15	1	US-09-036-073-92	Sequence 92, Appl
125	13.8	0.8	18	1	US-08-390-850-1064	Sequence 1064, App	198	13	0.8	15	1	US-09-081-646-884	Sequence 684, App
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c 127	13.8	0.8	18	1	US-08-676-279-27	Sequence 27, Appl	c 200	13	0.8	17	1	US-08-584-040-4333	Sequence 4333, App
c 128	13.8	0.8	18	1	US-08-205-922-75	Sequence 75, Appl	c 201	13	0.8	17	1	US-09-371-772B-2100	Sequence 2100, App
c 129	13.8	0.8	18	1	US-09-197-008-11	Sequence 11, Appl	202	13	0.8	17	1	US-09-371-772B-6859	Sequence 6859, App
130	13.8	0.8	18	1	US-09-358-381-31	Sequence 31, Appl	203	13	0.8	17	1	US-09-371-772B-6860	Sequence 6860, App
131	13.8	0.8	18	1	US-08-757-024-765	Sequence 765, App	204	12.8	0.7	16	1	US-08-757-024-783	Sequence 783, App
132	13.8	0.8	18	1	US-08-757-024-781	Sequence 781, App	205	12.8	0.7	16	1	US-08-757-024-788	Sequence 788, App
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c 141	13.8	0.8	19	1	US-08-962-690-3	Sequence 3, Appl	c 214	12.8	0.7	17	1	US-08-489-086A-12	Sequence 12, Appl
c 142	13.8	0.8	19	1	US-08-254-776B-13	Sequence 13, Appl	215	12.8	0.7	17	1	US-08-757-024-766	Sequence 766, App
c 143	13.8	0.8	19	1	US-08-254-776B-24	Sequence 24, Appl	216	12.8	0.7	17	1	US-08-757-024-797	Sequence 797, App
c 144	13.4	0.8	15	1	US-08-585-684B-93	Sequence 93, Appl	217	12.8	0.7	17	1	US-09-071-845-1667	Sequence 1667, App
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c 155	13.4	0.8	18	1	US-09-523-217-17	Sequence 177, App	c 228	12.8	0.7	17	1	US-08-679-645-720	Sequence 720, App
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157	13.4	0.8	18	1	US-09-167-109-95	Sequence 95, Appl	230	12.8	0.7	17	1	US-09-474-432B-610	Sequence 610, App
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c 176	13.2	0.8	18	1	US-09-106-038A-17	Sequence 17, Appl	c 249	12.8	0.7	18	1	US-09-205-860-82	Sequence 82, Appl
c 177	13.2	0.8	18	1	US-09-205-921-28	Sequence 12, Appl	250	12.8	0.7	18	1	US-09-255-893-30	Sequence 30, Appl
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253	12.8	0.7	18	1	US-08-757-024-748	Sequence 748, App	326	12.4	0.7	17	1	US-08-584-040-7421	Sequence 7421, Ap
254	12.8	0.7	18	1	US-08-757-024-796	Sequence 796, App	327	12.4	0.7	17	1	US-08-584-040-7789	Sequence 7789, Ap
255	12.8	0.7	18	1	US-09-339-993-32	Sequence 32, Appl	328	12.4	0.7	17	1	US-08-584-040-7790	Sequence 7790, Ap
256	12.8	0.7	18	1	US-09-487-444-24	Sequence 24, Appl	329	12.4	0.7	17	1	US-08-584-040-7796	Sequence 7796, Ap
257	12.8	0.7	18	1	US-08-937-063-12	Sequence 12, Appl	330	12.4	0.7	17	1	US-09-142-791A-7	Sequence 7, Appl1
258	12.8	0.7	18	1	US-09-290-577-13	Sequence 13, Appl	331	12.4	0.7	17	1	US-09-371-772B-1145	Sequence 1145, Ap
259	12.8	0.7	18	1	US-09-632-580A-67	Sequence 67, Appl	332	12.4	0.7	17	1	US-09-371-772B-1146	Sequence 1146, Ap
260	12.8	0.7	18	1	US-09-630-706-41	Sequence 41, Appl	333	12.4	0.7	17	1	US-09-371-772B-1145	Sequence 1145, Ap
261	12.8	0.7	18	1	US-09-117-525-8	Sequence 8, Appl1	334	12.4	0.7	17	1	US-09-371-772B-1746	Sequence 1746, Ap
262	12.8	0.7	18	1	US-09-290-452-13	Sequence 13, Appl	335	12.4	0.7	17	1	US-09-371-772B-2580	Sequence 2580, Ap
263	12.8	0.7	18	1	US-09-105-542A-21	Sequence 21, Appl	336	12.4	0.7	17	1	US-09-371-772B-3206	Sequence 3206, Ap
264	12.8	0.7	18	1	US-09-290-338-13	Sequence 13, Appl	337	12.4	0.7	17	1	US-09-371-772B-3207	Sequence 3207, Ap
265	12.8	0.7	18	1	US-09-496-698B-141	Sequence 141, App	338	12.4	0.7	17	1	US-09-371-772B-3208	Sequence 3208, Ap
266	12.8	0.7	18	1	US-09-496-698B-142	Sequence 142, App	339	12.4	0.7	17	1	US-09-371-772B-3228	Sequence 3228, Ap
267	12.8	0.7	18	1	US-09-496-698B-143	Sequence 143, App	340	12.4	0.7	17	1	US-09-371-772B-3574	Sequence 3574, Ap
268	12.8	0.7	18	1	US-08-584-040-3075	Sequence 3075, Ap	341	12.4	0.7	17	1	US-09-371-772B-3573	Sequence 3573, Ap
269	12.8	0.7	18	1	US-09-723-535-24	Sequence 24, Appl	342	12.4	0.7	17	1	US-09-371-772B-3580	Sequence 3580, Ap
270	12.8	0.7	18	1	US-09-723-535-46	Sequence 46, Appl	343	12.4	0.7	17	1	US-09-371-772B-6287	Sequence 6287, Ap
271	12.8	0.7	18	1	US-09-205-995-27	Sequence 27, Appl	344	12.4	0.7	17	1	US-09-371-772B-6404	Sequence 6404, Ap
272	12.8	0.7	18	1	US-09-167-103-81	Sequence 81, Appl	345	12.4	0.7	17	1	US-09-371-772B-6405	Sequence 6405, Ap
273	12.8	0.7	18	1	US-09-920-760-50	Sequence 50, Appl	346	12.4	0.7	17	1	US-09-371-772B-6558	Sequence 6558, Ap
274	12.8	0.7	18	1	US-09-290-000-13	Sequence 13, Appl	347	12.2	0.7	17	1	US-08-390-850-405	Sequence 405, App
275	12.8	0.7	18	1	US-09-422-978-3338	Sequence 3338, Ap	348	12.2	0.7	17	1	US-08-344-695-20	Sequence 20, Appl
276	12.8	0.7	18	1	US-09-422-978-7402	Sequence 7402, Ap	349	12.2	0.7	17	1	US-08-373-124A-178	Sequence 178, App
277	12.8	0.7	18	1	US-09-422-978-8021	Sequence 8021, Ap	350	12.2	0.7	17	1	US-08-373-124A-318	Sequence 318, App
278	12.8	0.7	18	1	US-09-422-978-8461	Sequence 8461, Ap	351	12.2	0.7	17	1	US-08-373-124A-1339	Sequence 1239, Ap
279	12.8	0.7	18	1	US-09-422-978-10528	Sequence 10528, A	352	12.2	0.7	17	1	US-08-373-124A-1401	Sequence 1401, Ap
280	12.8	0.7	18	1	US-08-894-454-13	Sequence 13, Appl	353	12.2	0.7	17	1	US-08-373-124A-1941	Sequence 1941, Ap
281	12.8	0.7	18	1	US-09-254-7768-22	Sequence 22, Appl	354	12.2	0.7	17	1	US-08-555-892-61	Sequence 61, Appl
282	12.8	0.7	18	1	US-09-371-772B-1502	Sequence 1502, Ap	355	12.2	0.7	17	1	US-08-435-634-405	Sequence 405, App
283	12.8	0.7	18	1	US-09-679-298A-30	Sequence 30, Appl	356	12.2	0.7	17	1	US-08-623-891-83	Sequence 83, Appl
284	12.6	0.7	20	1	US-08-193-039B-27	Sequence 27, Appl	357	12.2	0.7	17	1	US-08-758-306-73	Sequence 73, Appl
285	12.4	0.7	15	1	US-08-425-315-3	Sequence 3, Appl	358	12.2	0.7	17	1	US-08-758-306-115	Sequence 115, App
286	12.4	0.7	15	1	US-08-548-199-2	Sequence 2, Appl1	359	12.2	0.7	17	1	US-08-758-306-411	Sequence 411, App
287	12.4	0.7	15	1	US-08-311-486C-125	Sequence 125, App	360	12.2	0.7	17	1	US-08-758-306-581	Sequence 581, App
288	12.4	0.7	15	1	US-08-292-620A-327	Sequence 327, App	361	12.2	0.7	17	1	US-08-435-628-178	Sequence 178, App
289	12.4	0.7	15	1	US-08-292-620A-328	Sequence 328, App	362	12.2	0.7	17	1	US-08-435-628-318	Sequence 318, App
290	12.4	0.7	15	1	US-08-585-684B-82	Sequence 82, Appl	363	12.2	0.7	17	1	US-08-435-628-1239	Sequence 1239, Ap
291	12.4	0.7	15	1	US-08-585-684B-94	Sequence 94, Appl	364	12.2	0.7	17	1	US-08-435-628-1401	Sequence 1401, Ap
292	12.4	0.7	15	1	US-08-588-595-4	Sequence 4, Appl1	365	12.2	0.7	17	1	US-08-435-628-1941	Sequence 1941, Ap
293	12.4	0.7	15	1	US-08-716-190-13	Sequence 13, Appl	366	12.2	0.7	17	1	US-08-292-620A-1678	Sequence 1678, Ap
294	12.4	0.7	15	1	US-08-908-578-2	Sequence 2, Appl1	367	12.2	0.7	17	1	US-08-985-090-20	Sequence 20, Appl
295	12.4	0.7	15	1	US-09-071-845-327	Sequence 327, App	368	12.2	0.7	17	1	US-08-101-624-21	Sequence 21, Appl
296	12.4	0.7	15	1	US-09-071-845-328	Sequence 328, App	369	12.2	0.7	17	1	US-08-485-133-14	Sequence 14, Appl
297	12.4	0.7	15	1	US-09-038-073-82	Sequence 82, Appl	370	12.2	0.7	17	1	US-08-985-162-136	Sequence 136, App
298	12.4	0.7	15	1	US-09-038-073-94	Sequence 94, Appl	371	12.2	0.7	17	1	US-08-479-744A-21	Sequence 21, Appl
299	12.4	0.7	15	1	US-09-081-646-389	Sequence 389, App	372	12.2	0.7	17	1	US-09-165-543-21	Sequence 21, Appl
300	12.4	0.7	15	1	US-09-081-646-421	Sequence 421, App	373	12.2	0.7	17	1	US-08-380-757B-21	Sequence 21, Appl
301	12.4	0.7	15	1	US-09-081-646-708	Sequence 708, App	374	12.2	0.7	17	1	US-09-071-845-1678	Sequence 1678, Ap
302	12.4	0.7	15	1	5519127-19	Patent No. 5519127	375	12.2	0.7	17	1	US-08-875-573-15	Sequence 15, Appl
303	12.4	0.7	16	1	US-08-292-620A-1630	Sequence 1630, Ap	376	12.2	0.7	17	1	US-09-021-701-57	Sequence 57, Appl
304	12.4	0.7	16	1	US-09-071-845-1630	Sequence 1630, Ap	377	12.2	0.7	17	1	US-08-980-832-57	Sequence 57, Appl
305	12.4	0.7	16	1	US-09-328-174A-14	Sequence 14, Appl	378	12.2	0.7	17	1	US-08-584-040-1925	Sequence 1925, Ap
306	12.4	0.7	16	1	US-09-371-772B-7060	Sequence 7060, Ap	379	12.2	0.7	17	1	US-08-584-040-4022	Sequence 4022, Ap
307	12.4	0.7	17	1	US-08-373-124A-312	Sequence 312, App	380	12.2	0.7	17	1	US-08-584-040-4084	Sequence 4084, Ap
308	12.4	0.7	17	1	US-08-758-306-827	Sequence 827, App	381	12.2	0.7	17	1	US-08-584-040-4309	Sequence 4309, Ap
309	12.4	0.7	17	1	US-08-758-306-829	Sequence 829, App	382	12.2	0.7	17	1	US-08-584-040-5584	Sequence 5584, Ap
310	12.4	0.7	17	1	US-08-435-628-312	Sequence 312, App	383	12.2	0.7	17	1	US-08-584-040-6005	Sequence 6005, Ap
311	12.4	0.7	17	1	US-08-292-620A-1647	Sequence 1647, Ap	384	12.2	0.7	17	1	US-08-584-040-7397	Sequence 7397, Ap
312	12.4	0.7	17	1	US-08-292-620A-1802	Sequence 1802, Ap	385	12.2	0.7	17	1	US-08-584-040-7563	Sequence 7563, Ap
313	12.4	0.7	17	1	US-08-985-163-376	Sequence 376, App	386	12.2	0.7	17	1	US-08-584-040-7609	Sequence 7609, Ap
314	12.4	0.7	17	1	US-08-985-163-377	Sequence 377, App	387	12.2	0.7	17	1	US-08-584-040-7636	Sequence 7636, Ap
315	12.4	0.7	17	1	US-08-985-163-378	Sequence 378, App	388	12.2	0.7	17	1	US-08-584-040-7758	Sequence 7758, Ap
316	12.4	0.7	17	1	US-09-071-845-1647	Sequence 1647, App	389	12.2	0.7	17	1	US-08-679-645-192	Sequence 192, App
317	12.4	0.7	17	1	US-09-071-845-1802	Sequence 1802, App	390	12.2	0.7	17	1	US-08-679-645-880	Sequence 880, App
318	12.4	0.7	17	1	US-08-584-040-2621	Sequence 2621, Ap	391	12.2	0.7	17	1	US-08-420-672-12	Sequence 12, Appl
319	12.4	0.7	17	1	US-08-584-040-2622	Sequence 2622, Ap	392	12.2	0.7	17	1	US-09-340-861-83	Sequence 83, Appl
320	12.4	0.7	17	1	US-08-584-040-3978	Sequence 3978, Ap	393	12.2	0.7	17	1	US-09-634-262-83	Sequence 83, Appl
321	12.4	0.7	17	1	US-08-584-040-3979	Sequence 3979, Ap	394	12.2	0.7	17	1	US-09-634-262-83	Sequence 32, Appl
322	12.4	0.7	17	1	US-08-584-040-5896	Sequence 5896, Ap	395	12.2	0.7	17	1	US-09-132-769-8	Sequence 8, Appl1
323	12.4	0.7	17	1	US-08-584-040-7398	Sequence 7398, Ap	396	12.2	0.7	17	1	US-09-474-432B-526	Sequence 526, App
324	12.4	0.7	17	1	US-08-584-040-7399	Sequence 7399, Ap	397	12.2	0.7	17	1	US-09-474-432B-558	Sequence 558, App
325	12.4	0.7	17	1	US-08-584-040-7400	Sequence 7400, Ap	398	12.2	0.7	17	1	US-09-474-432B-587	Sequence 587, App

C 399	12.2	0.7	17	1	US-09-474-432B-673	Sequence 673, App	C 472	12	17	1	US-09-371-772B-4538	Sequence 4538, App
400	12.2	0.7	17	1	US-09-474-432B-789	Sequence 789, App	473	12	17	1	US-09-371-772B-4943	Sequence 4943, App
401	12.2	0.7	17	1	US-09-371-772B-470	Sequence 470, App	474	12	17	1	US-09-371-772B-4944	Sequence 4944, App
C 402	12.2	0.7	17	1	US-09-371-772B-1789	Sequence 1789, App	475	12	17	1	US-09-371-772B-6858	Sequence 6858, App
C 403	12.2	0.7	17	1	US-09-371-772B-1851	Sequence 1851, App	C 476	12	17	1	US-09-099-932-29	Sequence 29, Appl
C 404	12.2	0.7	17	1	US-09-371-772B-2076	Sequence 2076, App	477	12	17	1	PCT-US94-12947A-61	Sequence 1, Appl
C 405	12.2	0.7	17	1	US-09-371-772B-2474	Sequence 2474, App	478	11.8	15	1	US-08-266-750-1	Sequence 1, Appl
C 406	12.2	0.7	17	1	US-09-371-772B-2842	Sequence 2842, App	479	11.8	15	1	US-08-137-701-21	Sequence 21, Appl
C 407	12.2	0.7	17	1	US-09-371-772B-3205	Sequence 3205, App	480	11.8	15	1	US-08-182-968A-2	Sequence 2, Appl
C 408	12.2	0.7	17	1	US-09-371-772B-3359	Sequence 3359, App	C 481	11.8	15	1	US-08-182-968A-128	Sequence 128, App
C 409	12.2	0.7	17	1	US-09-371-772B-3428	Sequence 3428, App	482	11.8	15	1	US-08-373-124A-85	Sequence 85, Appl
C 410	12.2	0.7	17	1	US-09-371-772B-3542	Sequence 3542, App	483	11.8	15	1	US-08-373-124A-85	Sequence 85, Appl
C 411	12.2	0.7	17	1	US-09-371-772B-4201	Sequence 4201, App	484	11.8	15	1	US-08-334-847-87	Sequence 87, Appl
C 412	12.2	0.7	17	1	US-09-371-772B-4504	Sequence 4504, App	485	11.8	15	1	US-08-334-847-87	Sequence 87, Appl
C 413	12.2	0.7	17	1	US-09-371-772B-4719	Sequence 4719, App	C 486	11.8	15	1	US-08-334-847-87	Sequence 87, Appl
C 414	12.2	0.7	17	1	US-09-371-772B-4761	Sequence 4761, App	487	11.8	15	1	US-08-363-240A-697	Sequence 697, App
C 415	12.2	0.7	17	1	US-09-371-772B-4970	Sequence 4970, App	488	11.8	15	1	US-08-686-116A-27	Sequence 27, Appl
C 416	12.2	0.7	17	1	US-09-371-772B-5022	Sequence 5022, App	489	11.8	15	1	US-08-686-116A-28	Sequence 28, Appl
C 417	12.2	0.7	17	1	US-09-371-772B-5114	Sequence 5114, App	490	11.8	15	1	US-08-363-233B-19	Sequence 19, Appl
C 418	12.2	0.7	17	1	US-09-371-772B-5164	Sequence 5164, App	491	11.8	15	1	US-08-685-484-27	Sequence 27, Appl
C 419	12.2	0.7	17	1	US-09-371-772B-5179	Sequence 5179, App	492	11.8	15	1	US-08-685-484-28	Sequence 28, Appl
C 420	12.2	0.7	17	1	US-09-371-772B-5249	Sequence 5249, App	493	11.8	15	1	US-08-847-108-27	Sequence 27, Appl
C 421	12.2	0.7	17	1	US-09-371-772B-5267	Sequence 5267, App	494	11.8	15	1	US-08-847-108-28	Sequence 28, Appl
C 422	12.2	0.7	17	1	US-09-371-772B-5610	Sequence 5610, App	495	11.8	15	1	US-08-847-108-28	Sequence 28, Appl
C 423	12.2	0.7	17	1	US-09-371-772B-5627	Sequence 5627, App	496	11.8	15	1	US-08-847-108-28	Sequence 28, Appl
C 424	12.2	0.7	17	1	US-09-371-772B-6221	Sequence 6221, App	497	11.8	15	1	US-08-847-108-28	Sequence 28, Appl
C 425	12.2	0.7	17	1	US-09-371-772B-6459	Sequence 6459, App	C 498	11.8	15	1	US-08-847-108-28	Sequence 28, Appl
C 426	12.2	0.7	17	1	US-09-371-772B-6460	Sequence 6460, App	C 499	11.8	15	1	US-08-847-108-28	Sequence 28, Appl
C 427	12.2	0.7	17	1	US-09-371-772B-6510	Sequence 6510, App	500	11.8	15	1	US-08-847-108-28	Sequence 28, Appl
C 428	12.2	0.7	17	1	US-09-371-772B-6693	Sequence 6693, App	501	11.8	15	1	US-08-847-108-28	Sequence 28, Appl
C 429	12.2	0.7	17	1	US-09-371-772B-6848	Sequence 6848, App	C 502	11.8	15	1	US-08-847-108-28	Sequence 28, Appl
C 430	12.2	0.7	17	1	US-09-371-772B-6853	Sequence 6853, App	C 503	11.8	15	1	US-08-847-108-28	Sequence 28, Appl
C 431	12	0.7	12	1	US-09-583-323-45	Sequence 45, Appl	C 504	11.8	15	1	US-08-847-108-28	Sequence 28, Appl
C 432	12	0.7	12	1	US-09-583-323-45	Sequence 45, Appl	505	11.8	15	1	US-08-847-108-28	Sequence 28, Appl
C 433	12	0.7	12	1	US-09-584-108-45	Sequence 45, Appl	506	11.8	15	1	US-08-847-108-28	Sequence 28, Appl
C 434	12	0.7	13	1	US-08-882-046-77	Sequence 77, Appl	C 507	11.8	15	1	US-08-847-108-28	Sequence 28, Appl
C 435	12	0.7	14	1	US-09-985-162-1824	Sequence 1824, App	508	11.8	15	1	US-08-847-108-28	Sequence 28, Appl
C 436	12	0.7	15	1	US-09-043-123-5	Sequence 5, Appl	C 509	11.8	15	1	US-08-847-108-28	Sequence 28, Appl
C 437	12	0.7	15	1	US-09-911-894-15	Sequence 15, Appl	510	11.8	15	1	US-08-847-108-28	Sequence 28, Appl
C 438	12	0.7	16	1	US-09-911-894-16	Sequence 16, Appl	511	11.8	15	1	US-08-847-108-28	Sequence 28, Appl
C 439	12	0.7	16	1	US-09-371-772B-5768	Sequence 5768, App	512	11.8	15	1	US-08-847-108-28	Sequence 28, Appl
C 440	12	0.7	17	1	US-08-182-313-61	Sequence 61, Appl	513	11.8	15	1	US-08-847-108-28	Sequence 28, Appl
C 441	12	0.7	17	1	US-08-182-300-6	Sequence 6, Appl	C 514	11.8	15	1	US-08-847-108-28	Sequence 28, Appl
C 442	12	0.7	17	1	US-08-579-223-61	Sequence 61, Appl	C 515	11.8	15	1	US-08-847-108-28	Sequence 28, Appl
C 443	12	0.7	17	1	US-08-687-662A-1	Sequence 1, Appl	516	11.8	15	1	US-08-847-108-28	Sequence 28, Appl
C 444	12	0.7	17	1	US-09-985-162-691	Sequence 691, App	C 517	11.8	15	1	US-08-847-108-28	Sequence 28, Appl
C 445	12	0.7	17	1	US-08-984-709A-47	Sequence 47, Appl	C 518	11.8	15	1	US-08-847-108-28	Sequence 28, Appl
C 446	12	0.7	17	1	US-08-584-040-1731	Sequence 1731, App	C 519	11.8	15	1	US-08-847-108-28	Sequence 28, Appl
C 447	12	0.7	17	1	US-08-584-040-1732	Sequence 1732, App	C 520	11.8	15	1	US-08-847-108-28	Sequence 28, Appl
C 448	12	0.7	17	1	US-08-584-040-1733	Sequence 1733, App	521	11.8	15	1	US-08-847-108-28	Sequence 28, Appl
C 449	12	0.7	17	1	US-08-584-040-1734	Sequence 1734, App	C 522	11.8	15	1	US-08-847-108-28	Sequence 28, Appl
C 450	12	0.7	17	1	US-08-584-040-1765	Sequence 1765, App	523	11.8	15	1	US-08-847-108-28	Sequence 28, Appl
C 451	12	0.7	17	1	US-08-584-040-1766	Sequence 1766, App	C 524	11.8	15	1	US-08-847-108-28	Sequence 28, Appl
C 452	12	0.7	17	1	US-08-584-040-1767	Sequence 1767, App	C 525	11.8	15	1	US-08-847-108-28	Sequence 28, Appl
C 453	12	0.7	17	1	US-08-584-040-1768	Sequence 1768, App	C 526	11.8	15	1	US-08-847-108-28	Sequence 28, Appl
C 454	12	0.7	17	1	US-08-584-040-1769	Sequence 1769, App	C 527	11.8	15	1	US-08-847-108-28	Sequence 28, Appl
C 455	12	0.7	17	1	US-08-584-040-1770	Sequence 1770, App	C 528	11.8	15	1	US-08-847-108-28	Sequence 28, Appl
C 456	12	0.7	17	1	US-08-584-040-1771	Sequence 1771, App	C 529	11.8	15	1	US-08-847-108-28	Sequence 28, Appl
C 457	12	0.7	17	1	US-09-593-012-106	Sequence 106, App	C 530	11.8	15	1	US-08-847-108-28	Sequence 28, Appl
C 458	12	0.7	17	1	US-09-446-301A-31	Sequence 31, Appl	531	11.8	15	1	US-08-847-108-28	Sequence 28, Appl
C 459	12	0.7	17	1	US-09-474-432B-640	Sequence 640, App	532	11.8	15	1	US-08-847-108-28	Sequence 28, Appl
C 460	12	0.7	17	1	US-09-474-432B-718	Sequence 718, App	533	11.8	15	1	US-08-847-108-28	Sequence 28, Appl
C 461	12	0.7	17	1	US-09-371-772B-276	Sequence 276, App	534	11.8	15	1	US-08-847-108-28	Sequence 28, Appl
C 462	12	0.7	17	1	US-09-371-772B-277	Sequence 277, App	535	11.8	15	1	US-08-847-108-28	Sequence 28, Appl
C 463	12	0.7	17	1	US-09-371-772B-278	Sequence 278, App	536	11.8	15	1	US-08-847-108-28	Sequence 28, Appl
C 464	12	0.7	17	1	US-09-371-772B-279	Sequence 279, App	537	11.8	15	1	US-08-847-108-28	Sequence 28, Appl
C 465	12	0.7	17	1	US-09-371-772B-310	Sequence 310, App	C 538	11.8	15	1	US-08-847-108-28	Sequence 28, Appl
C 466	12	0.7	17	1	US-09-371-772B-311	Sequence 311, App	C 539	11.8	15	1	US-08-847-108-28	Sequence 28, Appl
C 467	12	0.7	17	1	US-09-371-772B-312	Sequence 312, App	C 540	11.8	15	1	US-08-847-108-28	Sequence 28, Appl
C 468	12	0.7	17	1	US-09-371-772B-3240	Sequence 3240, App	541	11.8	15	1	US-08-847-108-28	Sequence 28, Appl
C 469	12	0.7	17	1	US-09-371-772B-3241	Sequence 3241, App	542	11.8	15	1	US-08-847-108-28	Sequence 28, Appl
C 470	12	0.7	17	1	US-09-371-772B-3242	Sequence 3242, App	C 543	11.8	15	1	US-08-847-108-28	Sequence 28, Appl
C 471	12	0.7	17	1	US-09-371-772B-3243	Sequence 3243, App	544	11.8	15	1	US-08-847-108-28	Sequence 28, Appl


```
TELEX: No. 5981176e
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleotide
STRANDEDNESS: Single
TOPOLOGY: Linear
US-08-193-039B-27

Query Match      0.9%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 31;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1459 GGGGCCCATTTTAAAA 1476
      |||||
DB 2 GGGGCCCATTTTAAAA 19

RESULT 4
US-09-198-452A-4524
Sequence 4524, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Griffiths, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 4524
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4524

Query Match      0.9%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 31;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 502 GCTGCCCATGAAACGTG 519
      |||||
DB 2 GCTGCCCATGAAATGTG 19

RESULT 5
US-09-689-255C-23
Sequence 23, Application US/09689255C
Patent No. 6395544
GENERAL INFORMATION:
APPLICANT: Lex M. Cowseart
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF BCAS1 EXPRESSION
FILE REFERENCE: RTS-0171
CURRENT APPLICATION NUMBER: US/09/689,255C
CURRENT FILING DATE: 2000-10-11
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 23
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense oligonucleotide
US-09-689-255C-23

Query Match      0.9%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 44;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 736 GCCAAGAACCTTTCCACC 754
      |||||
DB 2 GCCAAGAACCTTCATCCACC 20
```

```
RESULT 6
US-08-955-138-25/c
Sequence 25, Application US/08955138A
Patent No. 5977435
GENERAL INFORMATION:
APPLICANT: Lefebvre, Daniel D.
APPLICANT: Gellatly, Kevin S.
TITLE OF INVENTION: PLANT PHOSPHATASES
FILE REFERENCE: PPL97-01
CURRENT APPLICATION NUMBER: US/08/955,138A
CURRENT FILING DATE: 1997-10-21
NUMBER OF SEQ ID NOS: 119
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 25
LENGTH: 22
TYPE: DNA
ORGANISM: SOLANUM TUBEROSUM
US-08-955-138-25

Query Match      0.9%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 54;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1310 GTGTCCCATCTGTGATTGT 1328
      |||||
DB 22 GTATCCCATCTGTGATTGT 4

RESULT 7
US-08-758-306-587/c
Sequence 587, Application US/08758306
Patent No. 5807743
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwigen, James A.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF DISEASES
TITLE OF INVENTION: TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION NUMBER:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 587:
```

SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-758-306-587

Query Match 0.9%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 39;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1643 ACCTGAAGGACAAAGAA 1659
Db 17 ACCTGAAGGACTAAGAA 1

RESULT 8

US-09-166-186-95/c
Sequence 95, Application US/09166186A
Patent No. 6080580

GENERAL INFORMATION:
APPLICANT: Baker, Brenda

APPLICANT: Bennett, C. Frank

APPLICANT: Butler, Madeline M.

APPLICANT: Shanahan, William R.

TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF- α EXPRESSION

FILE REFERENCE: ISPH-0322

CURRENT APPLICATION NUMBER: US/09/166,186A

CURRENT FILING DATE: 1998-10-05

NUMBER OF SEQ ID NOS: 250

SEQ ID NO 95

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: antisense sequence
US-09-166-186-95

Query Match 0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 55;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 954 ACAGGGAGACCCAGAG 970
Db 18 AGAGGGAGACCCAGAG 2

RESULT 9

US-09-313-932-95/c
Sequence 95, Application US/09313932A
Patent No. 6228642

GENERAL INFORMATION:
APPLICANT: Baker, Brenda

APPLICANT: Bennett, C. Frank

APPLICANT: Butler, Madeline M.

APPLICANT: Shanahan, William R.

TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-

FILE REFERENCE: ISPH-0356

CURRENT APPLICATION NUMBER: US/09/313,932A

CURRENT FILING DATE: 1999-05-18

NUMBER OF SEQ ID NOS: 501

SEQ ID NO 95

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic
US-09-313-932-95

Query Match 0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 55;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 954 ACAGGGAGACCCAGAG 970
Db 18 AGAGGGAGACCCAGAG 2

RESULT 10

US-09-198-452A-1776/c
Sequence 1776, Application US/09198452A
Patent No. 6559294

GENERAL INFORMATION:
APPLICANT: Griffais, R.

TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention

TITLE OF INVENTION: and treatment of infection

FILE REFERENCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/09/198,452A

CURRENT FILING DATE: 1998-11-24

NUMBER OF SEQ ID NOS: 6849

SEQ ID NO 1776

LENGTH: 20

TYPE: DNA

ORGANISM: Chlamydia pneumoniae

US-09-198-452A-1776

Query Match 0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 55;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 791 TTCTGTTGAAGAAAGGT 807
Db 20 TACTGTTGAAGAAAGGT 4

RESULT 11

US-09-009-913-134/c
Sequence 134, Application US/09009913
Patent No. 6087485

GENERAL INFORMATION:
APPLICANT: Axy's Pharmaceuticals, Inc.

TITLE OF INVENTION: Asthma Related Genes

NUMBER OF SEQUENCES: 339

CORRESPONDENCE ADDRESS:

ADDRESSEE: Bozicevic & Reed, LLP

STREET: 285 Hamilton Ave, Suite 200

CITY: Palo Alto

STATE: CA

COUNTRY: USA

ZIP: 94301

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSeq for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/009,913

FILING DATE: 21-JAN-1998

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Sherwood, Pamela J.

REGISTRATION NUMBER: 36,677

REFERENCE/DOCKET NUMBER: SEQ-4P

TELECOMMUNICATION INFORMATION:

TELEPHONE: 650-327-3231

TELEFAX: 650-327-3231

TELEX:

INFORMATION FOR SEQ ID NO: 134:

SEQUENCE CHARACTERISTICS:

LENGTH: 21 base pairs

TYPE: nucleic acid

```
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: Other
US-09-009-913-134
Query Match      0.9%; Score 15.4; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 61;
Matches 16; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1513 ATGGTGATGAATTCGGG 1531
Db      |||||:|||||
19 ATGGATATKAAATTCGGG 1

RESULT 12
US-09-021-701-207/c
; Sequence 207, Application US/09021701
; Patent No. 6251588
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; APPLICANT: Wolber, Paul K.
; APPLICANT: Delenstarr, Glenda C.
; APPLICANT: Webb, Peter G.
; APPLICANT: Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
; NUMBER OF SEQUENCES: probe sequences
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
; STREET: 3000 Hanover Street
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/021.701
; FILING DATE: 10-FEB-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Choi, Wendy A.
; REGISTRATION NUMBER: 36,697
; REFERENCE/DOCKET NUMBER: 10971464-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-236-2386
; TELEFAX: 650-852-8063
; INFORMATION FOR SEQ ID NO: 207:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-09-021-701-207

Query Match      0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 62;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1705 CCACCCGACAGACACAT 1724
Db      |||||:|||||
20 CCACCCGACAGAAAAACAT 1

RESULT 13
US-09-659-791A-87/c
; Sequence 87, Application US/09659791A
```

```
; Patent No. 6383808
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF CLUSTERIN EXPRESSION
; FILE REFERENCE: RTS-0156
; CURRENT APPLICATION NUMBER: US/09/659,791A
; CURRENT FILING DATE: 2000-09-11
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 87
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-659-791A-87

Query Match      0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 62;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1126 TATCCACTCTCCGAAGGCA 1145
Db      |||||:|||||
20 TCTCTACTCTCCGAAGGAA 1

RESULT 14
US-09-742-703-22
; Sequence 22, Application US/09742703
; Patent No. 6423543
; GENERAL INFORMATION:
; APPLICANT: Patrick Allen Marcotte
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF HEPsin EXPRESSION
; FILE REFERENCE: RTS-0090
; CURRENT APPLICATION NUMBER: US/09/742,703
; CURRENT FILING DATE: 2000-12-20
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-742-703-22

Query Match      0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 62;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 617 CTGCCCTGGCTGGTCCAG 636
Db      |||||:|||||
1 CTGACCTGCACCTGGGTACAG 20

RESULT 15
US-09-780-173A-81
; Sequence 81, Application US/09780173A
; Patent No. 6455307
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Susan M. Freier
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-ALPHA PRIME EXPRESSION
; FILE REFERENCE: RTS-0165
; CURRENT APPLICATION NUMBER: US/09/780,173A
; CURRENT FILING DATE: 2001-02-08
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```


OTHER INFORMATION: Antisense Oligonucleotide
US-09-780-173A-81

Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 62;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 616 GGTGCGCTGGCTGGTCA 635
DB 1 GGTGCGCTGGCTGGTCTA 20

RESULT 16

US-08-290-311-10/c
Sequence 10, Application US/08290311
Patent No. 5631128

GENERAL INFORMATION:

APPLICANT: Kozal, Michael J.

APPLICANT: Merigan, Thomas C.

TITLE OF INVENTION: POLYMERASE CHAIN REACTION ASSAYS FOR
MONITORING ANTIVIRAL THERAPY AND MAKING THERAPEUTIC

TITLE OF INVENTION: DECISIONS IN THE TREATMENT OF ACQUIRED IMMUNODEFICIENCY

TITLE OF INVENTION: SYNDROME

NUMBER OF SEQUENCES: 13

CORRESPONDENCE ADDRESS:

ADDRESSEE: Pennie and Edmonds

STREET: 1155 Avenue of the Americas

CITY: New York

STATE: New York

COUNTRY: U.S.A.

ZIP: 10036

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/290,311

FILING DATE: 15-AUG-1994

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Laura A. Coruzzi

REGISTRATION NUMBER: 30,742

REFERENCE/DOCKET NUMBER: 7627-006

TELECOMMUNICATION INFORMATION:

TELEPHONE: 212-790-9090

TELEFAX: 212-869-9741

TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 10:

SEQUENCE CHARACTERISTICS:

LENGTH: 21 base pairs

TYPE: nucleic acid

STRANDEDNESS: unknown

TOPOLOGY: unknown

MOLECULE TYPE: DNA (genomic)

US-08-290-311-10

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 68;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1705 CCACCCGACAGACACAT 1724
DB 20 CCACCCGACAGAAAAACAT 1

RESULT 17

US-08-471-072-4/c

Sequence 4, Application US/08471072

Patent No. 5650288

GENERAL INFORMATION:

APPLICANT: Kozal, Michael J.

APPLICANT: Merigan, Thomas C.

APPLICANT: Katzenstein, David A.
APPLICANT: Holodniy, Mark
TITLE OF INVENTION: Polymerase Chain Reaction Assays For
Monitoring Antiviral Therapy And Making Therapeutic
Decisions In The Treatment Of Acquired Immunodeficiency
Syndrome
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/471,072

FILING DATE: 06-JUN-1995

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/883,327

FILING DATE: 14-MAY-1992

ATTORNEY/AGENT INFORMATION:

NAME: Coruzzi, Laura A.

REGISTRATION NUMBER: 30,742

REFERENCE/DOCKET NUMBER: 7627-002

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212)790-9090

TELEFAX: (415)869-9741

TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:

LENGTH: 21 base pairs

TYPE: nucleic acid

STRANDEDNESS: unknown

TOPOLOGY: unknown

MOLECULE TYPE: DNA

US-08-471-072-4

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 68;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1705 CCACCCGACAGACACAT 1724
DB 20 CCACCCGACAGAAAAACAT 1

RESULT 18

US-08-783-786-10/c

Sequence 10, Application US/08783786

Patent No. 5856086

GENERAL INFORMATION:

APPLICANT: Kozal, Michael J.

APPLICANT: Merigan, Thomas C.

TITLE OF INVENTION: POLYMERASE CHAIN REACTION ASSAYS FOR

MONITORING ANTIVIRAL THERAPY AND MAKING THERAPEUTIC

DECISIONS IN THE TREATMENT OF ACQUIRED IMMUNODEFICIENCY

TITLE OF INVENTION: SYNDROME

NUMBER OF SEQUENCES: 13

CORRESPONDENCE ADDRESS:

ADDRESSEE: Pennie and Edmonds

STREET: 1155 Avenue of the Americas

CITY: New York

STATE: New York

COUNTRY: U.S.A.

ZIP: 10036

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/783,786
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/290,311
FILING DATE: 15-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: Laura A. Coruzzi
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 7627-006
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-790-9090
TELEFAX: 212-869-9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
US-08-783-786-10

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 68;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1705 CCACCCAGACAGACACAT 1724
DB 20 CCACCCAGACAAAAACAT 1

RESULT 19
US-08-680-326-146/c
Sequence 146 Application US/08680326
Patent No. 5925733
GENERAL INFORMATION:
APPLICANT: ROSE, TIMOTHY M.
APPLICANT: BOSCH, MARINX
APPLICANT: STRAND, KURT
APPLICANT: TODARO, GEORGE J.
TITLE OF INVENTION: DNA POLYMERASE OF GAMMA HERPES VIRUSES
TITLE OF INVENTION: ASSOCIATED WITH KAPOSI'S SARCOMA AND RETROPERITONEAL
TITLE OF INVENTION: FIBROMATOSIS
NUMBER OF SEQUENCES: 152
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 Page Mill Road
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/680,326
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Schiff, J. Michael
REGISTRATION NUMBER: 40,253
REFERENCE/DOCKET NUMBER: 29938-20001.00
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
TELEFAX: (415) 494-0792
TELEX: 706141

INFORMATION FOR SEQ ID NO: 146:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-680-326-146

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 68;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1378 CAGTACCGTCCAGCTTCTC 1397
DB 21 CAGTCCGTCGAAGATCTC 2

RESULT 20

US-08-470-885-4/c
Sequence 4 Application US/08470885
Patent No. 5968730
GENERAL INFORMATION:
APPLICANT: Kozal, Michael J.
APPLICANT: Merigan, Thomas C.
APPLICANT: Katzenstein, David A.
APPLICANT: Holodniy, Mark
TITLE OF INVENTION: Polymerase Chain Reaction Assays For
TITLE OF INVENTION: Monitoring Antiviral Therapy And Making Therapeutic
TITLE OF INVENTION: Decisions In The Treatment Of Acquired Immunodeficiency
TITLE OF INVENTION: Syndrome
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/470,885
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/883,327
FILING DATE: 14-MAY-1992
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 7627-002
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)790-9090
TELEFAX: (415)869-9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: DNA
US-08-470-885-4

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 68;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1705 CCACCCAGACAGACACAT 1724
DB 20 CCACCCAGACAAAAACAT 1

Db 20 CCACACGACAAAAAACAT 1

RESULT 21
US-08-840-316-40
; Sequence 40, Application US/08840316
; Patent No. 6054567
; GENERAL INFORMATION:
; APPLICANT: Emerson, Suzanne U., Purcell, Robert H.,
; APPLICANT: Tsarev, Sergei. A., and Robinson, Robin A.
; TITLE OF INVENTION: Recombinant Proteins Of
; TITLE OF INVENTION: A Pakistani Strain Of Hepatitis E And Their
; TITLE OF INVENTION: Use In Diagnostic Methods And Vaccines
; NUMBER OF SEQUENCES: 111
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN
; STREET: 345 PARK AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/840,316
; FILING DATE: 11-APR-1997
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Richard W. Bork
; REGISTRATION NUMBER: 36,459
; REFERENCE/DOCKET NUMBER: 2026-4255
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-4800
; TELEFAX: (212) 751-6849
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-840-316-40

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 68;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1399 TCAGACATGAACCCAGAC 1418
|||||
Db 2 TCAGACATAAACCTAAGTC 21

RESULT 22
US-08-809-523-40
; Sequence 40, Application US/08809523
; Patent No. 6207415
; GENERAL INFORMATION:
; APPLICANT: Tsarev, Sergei. A., Emerson,
; APPLICANT: Suzanne U., Purcell, Robert H.
; TITLE OF INVENTION: Recombinant Proteins Of
; TITLE OF INVENTION: A Pakistani Strain Of Hepatitis E And Their
; TITLE OF INVENTION: Use In Diagnostic Methods And Vaccines
; NUMBER OF SEQUENCES: 107
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
; STREET: 345 PARK AVENUE
; CITY: NEW YORK

STATE: NEW YORK
COUNTRY: USA
ZIP: 10154
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/809,523
FILING DATE: 28-MAY-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/13102
FILING DATE: 03-OCT-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US08/316,765
FILING DATE: 03-OCT-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/947,263
FILING DATE: 18-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: Richard W. Bork
REGISTRATION NUMBER: 36,459
REFERENCE/DOCKET NUMBER: 2026-4032US4
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 758-4800
TELEFAX: (212) 751-6849
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-809-523-40

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 68;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1399 TCAGACATGAACCCAGAC 1418
|||||
Db 2 TCAGACATAAACCTAAGTC 21

RESULT 23
US-08-471-971-40
; Sequence 40, Application US/08471971
; Patent No. 6287759
; GENERAL INFORMATION:
; APPLICANT: Tsarev, Sergei. A., Emerson,
; APPLICANT: Suzanne U., Purcell, Robert H.
; TITLE OF INVENTION: Recombinant Proteins Of
; TITLE OF INVENTION: A Pakistani Strain Of Hepatitis E And Their
; TITLE OF INVENTION: Use In Diagnostic Methods And Vaccines
; NUMBER OF SEQUENCES: 107
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN
; STREET: 345 PARK AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/471,971
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US08/316,765

```
/
/ FILING DATE: 03-OCT-1994
/ CLASSIFICATION: 435
/ PRIOR APPLICATION NUMBER: US07/947,263
/ FILING DATE: 18-SEP-1992
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Richard W. Bork
/ REGISTRATION NUMBER: 36,459
/ REFERENCE/DOCKET NUMBER: 2026-4032US2
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (212) 758-4800
/ TELEFAX: (212) 751-6849
/ INFORMATION FOR SEQ ID NO: 40:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 21 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
/ US-08-471-971-40
/
/ Query Match 0.9%; Score 15.2; DB 1; Length 21;
/ Best Local Similarity 85.0%; Pred. No. 68;
/ Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
/
/ QY 1399 TCAGACATGAACCCAGAC 1418
/ Db 2 TCAGACATAAAACCTAAGTC 21
/
/ RESULT 25
/ US-09-782-971-4/c
/ Sequence 4, Application US/09782971
/ Patent No. 6503705
/ GENERAL INFORMATION:
/ APPLICANT: Kozal, M.
/ APPLICANT: Merigan, T.
/ APPLICANT: Katzenstein, D.
/ APPLICANT: Holodny, M.
/ TITLE OF INVENTION: POLYMERASE CHAIN REACTION ASSAYS FOR MONITORING ANTIVIRAL
/ TITLE OF INVENTION: THERAPY AND MAKING THERAPEUTIC DECISIONS IN THE TREATMENT
/ FILE REFERENCE: 7627-015
/ CURRENT APPLICATION NUMBER: US/09/782,971
/ CURRENT FILING DATE: 2001-02-13
/ PRIOR APPLICATION NUMBER: 08/470,885
/ PRIOR FILING DATE: 1995-06-06
/ PRIOR APPLICATION NUMBER: 07/883,327
/ PRIOR FILING DATE: 1992-05-14
/ NUMBER OF SEQ ID NOS: 8
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 4
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: primer
/
/ US-09-782-971-4
/
/ Query Match 0.9%; Score 15.2; DB 1; Length 21;
/ Best Local Similarity 85.0%; Pred. No. 68;
/ Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
/
/ QY 1705 CCACCCGACAGACACAT 1724
/ Db 20 CCACACGACAGCAAAACAT 1
/
/ RESULT 26
/ US-09-422-978-10840/c
/ Sequence 10840, Application US/09422978
/ Patent No. 6537751
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marta
/ APPLICANT: Chumakov, Ilya
/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
/ FILE REFERENCE: GENSET.020CPI
/ CURRENT APPLICATION NUMBER: US/09/422,978
/ CURRENT FILING DATE: 1999-10-20
/ EARLIER APPLICATION NUMBER: US 09/298,850
/ EARLIER FILING DATE: 1999-04-21
/ EARLIER APPLICATION NUMBER: US 60/109,732
/ EARLIER FILING DATE: 1998-11-23
/ EARLIER APPLICATION NUMBER: US 60/082,614
/ EARLIER FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 10840
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/
/ FILING DATE: 03-OCT-1994
/ CLASSIFICATION: 435
/ PRIOR APPLICATION NUMBER: US07/947,263
/ FILING DATE: 18-SEP-1992
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Richard W. Bork
/ REGISTRATION NUMBER: 36,459
/ REFERENCE/DOCKET NUMBER: 2026-4032US2
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (212) 758-4800
/ TELEFAX: (212) 751-6849
/ INFORMATION FOR SEQ ID NO: 40:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 21 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
/ US-08-471-971-40
/
/ Query Match 0.9%; Score 15.2; DB 1; Length 21;
/ Best Local Similarity 85.0%; Pred. No. 68;
/ Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
/
/ QY 1399 TCAGACATGAACCCAGAC 1418
/ Db 2 TCAGACATAAAACCTAAGTC 21
/
/ RESULT 24
/ US-09-402-776-40
/ Sequence 40, Application US/09402776
/ Patent No. 6458562
/ GENERAL INFORMATION:
/ APPLICANT: Emerson, Suzanne U., Purcell, Robert H.,
/ APPLICANT: Tearev, Sergei, A., and Robinson, Robin A.
/ TITLE OF INVENTION: Recombinant Proteins Of
/ TITLE OF INVENTION: A Pakistani Strain Of Hepatitis E And Their
/ TITLE OF INVENTION: Use In Diagnostic Methods And Vaccines
/ NUMBER OF SEQUENCES: 111
/ CORRESPONDENCE ADDRESS:
/ ADDRESS: MORGAN & FINNEGAN
/ STREET: 345 PARK AVENUE
/ CITY: NEW YORK
/ STATE: NEW YORK
/ COUNTRY: USA
/ ZIP: 10154
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: FLOPPY DISK
/ COMPUTER: IBM PC COMPATIBLE
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: WORDPERFECT 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/402,776
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/840,316
/ FILING DATE: 11-APR-1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Richard W. Bork
/ REGISTRATION NUMBER: 36,459
/ REFERENCE/DOCKET NUMBER: 2026-4255
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (212) 758-4800
/ TELEFAX: (212) 751-6849
/ INFORMATION FOR SEQ ID NO: 40:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 21 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
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; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-21328 for SEQ 2975, in complement
US-09-422-978-10840

Query Match
Best Local Similarity 85.0%; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 511 GAAACGTTGGTGGTGGTAC 530
Db 21 GAAACGTTGGTGGTGGTAC 2

RESULT 27
PCT-US93-08849A-40
; Sequence 40, Application PC/TUS9308849A
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: Recombinant Proteins Of
; TITLE OF INVENTION: A Pakistani Strain Of Hepatitis E And Their
; NUMBER OF SEQUENCES: 98
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN
; STREET: 345 PARK AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/08849A
; FILING DATE: 17-SEP-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US07/947,263
; FILING DATE: 18-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: William S. Feiler
; REGISTRATION NUMBER: 26,728
; REFERENCE/DOCKET NUMBER: 2026-4032 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-4800
; TELEFAX: (212) 751-6849
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
PCT-US93-08849A-40

Query Match
Best Local Similarity 85.0%; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1399 TCAGACATGAACCCCAAGAC 1418
Db 2 TCAGACATAAACCTAAGTC 21

RESULT 28
PCT-US93-08849-40
; Sequence 40, Application PC/TUS9308849
; GENERAL INFORMATION:
; APPLICANT: Tearev, Sergei A., Emerson,
; APPLICANT: Suzanne U., Purcell, Robert H.
; TITLE OF INVENTION: Recombinant Proteins Of
; TITLE OF INVENTION: A Pakistani Strain Of Hepatitis E And Their
```

```
; TITLE OF INVENTION: Use In Diagnostic Methods And Vaccines
; NUMBER OF SEQUENCES: 98
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN
; STREET: 345 PARK AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/08849
; FILING DATE: 17-SEP-1993
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/947,263
; FILING DATE: 18-SEP-1992
; NAME:
; ATTORNEY/AGENT INFORMATION:
; NAME: Bork, Richard, W.
; REGISTRATION NUMBER: 36,459
; REFERENCE/DOCKET NUMBER: 2026-4032
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-4800
; TELEFAX: (212) 751-6849
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
PCT-US93-08849-40

Query Match
Best Local Similarity 85.0%; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1399 TCAGACATGAACCCCAAGAC 1418
Db 2 TCAGACATAAACCTAAGTC 21

RESULT 29
5219727-7/c
; Patent No. 5219727
; APPLICANT: WANG, ALICE M.; DOYLE, MICHAEL V.; MARK, DAVID F.
; TITLE OF INVENTION: QUANTITATION OF NUCLEIC ACIDS USING THE
; POLYMERASE CHAIN REACTION
; NUMBER OF SEQUENCES: 64
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/413,623
; FILING DATE: 28-SEP-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 396,986
; FILING DATE: 21-AUG-1989
; SEQ ID NO: 7:
; LENGTH: 20
5219727-7

Query Match
Best Local Similarity 100.0%; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 657 AGGGAACCCAGGCTC 671
Db 19 AGGGAACCCAGGCTC 5

RESULT 30
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US-09-630-706-77/c
; Sequence 77, Application US/09630706
; Patent No. 6277640
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF HER-3 EXPRESSION
; FILE REFERENCE: RTS-0053
; CURRENT APPLICATION NUMBER: US/09/630,706
; CURRENT FILING DATE: 2000-08-01
; NUMBER OF SEQ ID NOS: 94
; SEQ ID NO 77
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-630-706-77
Query Match 0.9%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 62;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 699 AGGAGAAAGTCTCTGT 716
DB 18 AGGAGAAAGTCTCAATGT 1
RESULT 31
US-08-584-040-8408/c
; Sequence 8408, Application US/08584040
; Patent No. 6346396
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 8408:

; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-8408
Query Match 0.9%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 62;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1394 TCTCATCAGACATGAAAC 1411
DB 18 TCTCATCAGACAGAAAC 1
RESULT 32
US-09-194-842A-48/c
; Sequence 48, Application US/09194842A
; Patent No. 6416948
; GENERAL INFORMATION:
; APPLICANT: Pilarski, Linda M.
; APPLICANT: Belch, Andrew R.
; APPLICANT: Szczepiek, Agnieszka J.
; TITLE OF INVENTION: METHODS FOR DETECTION OF REARRANGED DNA
; FILE REFERENCE: STI-008USCPA
; CURRENT APPLICATION NUMBER: US/09/194,842A
; CURRENT FILING DATE: 1999-01-04
; PRIOR APPLICATION NUMBER: US 60/019,106
; PRIOR FILING DATE: 1996-06-03
; PRIOR APPLICATION NUMBER: PCT/US97/09534
; PRIOR FILING DATE: 1997-06-03
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 48
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-194-842A-48
Query Match 0.9%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 62;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1572 GCCCCACTGGCCAGAGTA 1589
DB 18 GCCCCACTGGTCAAGTA 1
RESULT 33
US-09-371-772B-4064/c
; Sequence 4064, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent In version 3.0
; SEQ ID NO 4064
; LENGTH: 18
; TYPE: RNA

```
; ORGANISM: Mus sp.
US-09-371-772B-4064

Query Match          0.9%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred.No. 62;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1394 TCTCATCAGACATGAAC 1411
DB 18 TCTCATCAGACAGAAAC 1

RESULT 34
US-08-531-556-46
; Sequence 46, Application US/08531556
; Patent No. 577682
; GENERAL INFORMATION:
; APPLICANT: Agulnik, Alexander I
; APPLICANT: Kent First, Marijo
; APPLICANT: Muallem, Arlege
; TITLE OF INVENTION: MALE INFERTILITY Y-DELETION DETECTION
; TITLE OF INVENTION: BATTERY
; NUMBER OF SEQUENCES: 124
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dewitt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: WI
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/531,556
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 34506.034CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 608-831-2100
; TELEFAX: 608-831-2106
; INFORMATION FOR SEQ ID NO: 46:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-531-556-46

Query Match          0.9%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred.No. 77;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 182 TGGGAATCCCTTTGCCA 199
DB 1 TGGGAATCACTTTTGCAA 18

RESULT 36
US-08-715-142-22/c
; Sequence 22, Application US/08715142
; Patent No. 5811244
; GENERAL INFORMATION:
; APPLICANT: Frankel, Wayne N.
; APPLICANT: Cox, Gregory A.
; APPLICANT: Lutz, Cathleen M.
; APPLICANT: No. 5811244bels, Jeffrey L.
; TITLE OF INVENTION: CLINICAL DISORDERS ASSOCIATED WITH NHE1
; TITLE OF INVENTION: MUTATION
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Kevin M. Farrell, P.C.
; STREET: P.O. Box 999
; CITY: York Harbor
; STATE: ME
; COUNTRY: USA
; ZIP: 03911
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/715,142
; FILING DATE: 18-SEP-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Farrell, Kevin M.
; REGISTRATION NUMBER: 35,505

; ORGANISM: Mus sp.
US-09-371-772B-4064

Query Match          0.9%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred.No. 77;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 182 TGGGAATCCCTTTGCCA 199
DB 1 TGGGAATCACTTTTGCAA 18

RESULT 35
US-08-472-416-46
; Sequence 46, Application US/08472416
; Patent No. 5783390
; GENERAL INFORMATION:
; APPLICANT: Agulnik, A.
; APPLICANT: Kent, Marijo G.
; TITLE OF INVENTION: MALE INFERTILITY Y-DELETION DETECTION
; TITLE OF INVENTION: BATTERY
```

REFERENCE/DOCKET NUMBER: JL-9601
TELECOMMUNICATION INFORMATION:
TELEPHONE: (207) 363-0558
TELEFAX: (207) 363-0528
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-715-142-22

Query Match 0.9%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 77;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1142 GGCAGCTGGACCAAGA 1159
Db 20 GGCAGCTGGACCAAGA 3

RESULT 37
US-08-753-979A-6
Sequence 6, Application US/08753979A
Patent No. 5840549

GENERAL INFORMATION:
APPLICANT: Kent First, Marijo
APPLICANT: Mualliem, Ariege
TITLE OF INVENTION: MALE INFERTILITY Y-DELETION DETECTION
TITLE OF INVENTION: BATTERY
NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dewitt Ross & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
CITY: Madison
STATE: WI
COUNTRY: USA
ZIP: 53717-1914

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/753.979A
FILING DATE:

CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 34506.051
TELECOMMUNICATION INFORMATION:
TELEPHONE: 608-831-2100
TELEFAX: 608-831-2106

INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-753-979A-6

Query Match 0.9%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 77;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 182 TGGGAATCCCTTTGCCA 199
Db 1 TGGGAATCACTTTGCCA 18

RESULT 38
US-08-227-180B-37
Sequence 37, Application US/08227180B
Patent No. 5866698
GENERAL INFORMATION:
APPLICANT: Ecker et al.
TITLE OF INVENTION: Modulation of Gene Expression
TITLE OF INVENTION: Through Interference with RNA Secondary Structure
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jane Massey Licata, Esq.
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
STATE: NJ
COUNTRY: USA
ZIP: 08002

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/227.180B
FILING DATE: April 13, 1994
CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/518,929
FILING DATE: May 4, 1990
APPLICATION NUMBER: PCT/US91/02588
FILING DATE: April 15, 1991
APPLICATION NUMBER: 07/801,168
FILING DATE: No. 5866698ember 20, 1991
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISIS-1420
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 37:

SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-227-180B-37

Query Match 0.9%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 77;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 290 GCACCCAGATCCCAAGG 307
Db 1 GCTCCAGACCAAGG 18

RESULT 39
US-08-480-655-25
Sequence 25, Application US/08480655
Patent No. 5998133
GENERAL INFORMATION:
APPLICANT: BLUMENFELD, ANAT; GUSELLA, JAMES F;
APPLICANT: BREAKFIELD, XANDRA, O;
APPLICANT: SLAUGENHAUT, SUSAN
TITLE OF INVENTION: USE OF GENETIC MARKERS TO
TITLE OF INVENTION: DIAGNOSE FAMILIAL DYSAUTONOMIA
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
STREET: 345 PARK AVENUE
CITY: NEW YORK
STATE: NEW YORK


```
/ COUNTRY: USA
/ ZIP: 10154
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: FLOPPY DISK
/ COMPUTER: IBM PC COMPATIBLE
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: ASCII
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/480,655
/ FILING DATE: 07-JUNE-1995
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/049,678
/ FILING DATE: 16-APRIL-1993
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/07/890,719
/ FILING DATE: 29-MAY-1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: KENNETH H. SONNENFELD
/ REGISTRATION NUMBER: 33,285
/ REFERENCE/DOCKET NUMBER: 1829-4001US1
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 212-451-8513
/ TELEFAX: 212-751-6849
/ INFORMATION FOR SEQ ID NO: 25:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20
/ TYPE: NUCLEIC ACID
/ STRANDEDNESS: SINGLE
/ TOPOLOGY: UNKNOWN
/ MOLECULE TYPE: OLIGONUCLEOTIDE
/ HYPOTHETICAL: NO
/ FEATURE:
/ NAME/KEY: PRIMER SEQUENCE OF GSN LOCUS
/ LOCATION: CHROMOSOME 9
/ IDENTIFICATION METHOD:
/ OTHER INFORMATION:
/ PUBLICATION INFORMATION:
/ AUTHORS: KWIAKOWSKI, DJ; PERMAN, S
/ TITLE: DINUCLEOTIDE REPEAT POLYMORPHISM AT
/ JOURNAL: NUCLEIC ACIDS RESEARCH
/ VOLUME: 19
/ ISSUE:
/ PAGES: 967
/ DATE: 1991
/ DOCUMENT NUMBER:
/ FILING DATE:
/ PUBLICATION DATE:
/ RELEVANT RESIDUES IN SEQ ID NO:
/ US-08-480-655-25
/
/ Query Match 0.9%; Score 14.8; DB 1; Length 20;
/ Best Local Similarity 88.9%; Pred. No. 77;
/ Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
/
/ QY 646 GCCAGCTTTGGAGGGAAC 663
/ Db 3 GCCAGCTTTGGAGGGAAC 20
/
/ RESULT 40
/ US-09-418-640-73
/ Sequence 73, Application US/09418640
/ Patent No. 6140125
/ GENERAL INFORMATION:
/ APPLICANT: Jennifer K. Taylor
/ APPLICANT: Lex M. Cowsett
/ TITLE OF INVENTION: ANTISENSE MODULATION OF BCL-6 EXPRESSION
/ FILE REFERENCE: RTS-0102
/ CURRENT APPLICATION NUMBER: US/09/418,640
/ CURRENT FILING DATE: 1999-10-15
```

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/ NUMBER OF SEQ ID NOS: 89
/ SEQ ID NO 73
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
/ US-09-418-640-73
/
/ Query Match 0.9%; Score 14.8; DB 1; Length 20;
/ Best Local Similarity 88.9%; Pred. No. 77;
/ Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
/
/ QY 1265 AAAAGAAAGACCTGTTC 1282
/ Db 3 AAAAGAAACATCTGTTC 20
/
/ RESULT 41
/ US-09-455-683-25
/ Sequence 25, Application US/09455683
/ Patent No. 6262250
/ GENERAL INFORMATION:
/ APPLICANT: BLUMENFELD, ANAT; GUSELLA, JAMES F;
/ BREAKFIELD, XANDRA, O;
/ SLAUGENHAUPT, SUSAN
/ TITLE OF INVENTION: USE OF GENETIC MARKERS TO
/ DIAGNOSE FAMILIAL DYSAUTONOMIA
/ NUMBER OF SEQUENCES: 34
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
/ STREET: 345 PARK AVENUE
/ CITY: NEW YORK
/ STATE: NEW YORK
/ COUNTRY: USA
/ ZIP: 10154
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: FLOPPY DISK
/ COMPUTER: IBM PC COMPATIBLE
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: ASCII
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/455,683
/ FILING DATE: 07-DEC-1999
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/480,655
/ FILING DATE: 07-JUNE-1995
/ APPLICATION NUMBER: 08/049,678
/ FILING DATE: 16-APRIL-1993
/ APPLICATION NUMBER: US/07/890,719
/ FILING DATE: 29-MAY-1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: KENNETH H. SONNENFELD
/ REGISTRATION NUMBER: 33,285
/ REFERENCE/DOCKET NUMBER: 1829-4001US2
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 212-451-8513
/ TELEFAX: 212-751-6849
/ INFORMATION FOR SEQ ID NO: 25:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 BASE PAIRS
/ TYPE: NUCLEIC ACID
/ STRANDEDNESS: SINGLE
/ TOPOLOGY: UNKNOWN
/ MOLECULE TYPE: OLIGONUCLEOTIDE
/ HYPOTHETICAL: NO
/ FEATURE:
/ NAME/KEY: PRIMER SEQUENCE OF GSN LOCUS
/ LOCATION: CHROMOSOME 9
/ PUBLICATION INFORMATION:
/ AUTHORS: KWIAKOWSKI, DJ; PERMAN, S
/ TITLE: DINUCLEOTIDE REPEAT POLYMORPHISM AT
/ THE GSN LOCUS (9q 32-34)
```

JOURNAL: NUCLEIC ACIDS RESEARCH
VOLUME: 19
ISSUE: 967
PAGES: 967
DATE: 1991
SEQUENCE DESCRIPTION: SEQ ID NO: 25:
US-09-455-683-25

Query Match 0.9%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 77;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 646 GCCAGCTTTGGAGGAC 663
DB 3 GCCAGCTTTGGAGGAC 20

RESULT 42
US-09-702-246-39/c
; Sequence 39, Application US/09702246
; Patent No. 6383809
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYTOSOLIN-1 EXPRESSION
; FILE REFERENCE: RGS-0195
; CURRENT APPLICATION NUMBER: US/09/702,246
; CURRENT FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-09-702-246-39

Query Match 0.9%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 77;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 47 TCCTGGCCACTCTCTCTG 64
DB 18 TCCTGGCCAGTTCTCTG 1

RESULT 43
US-09-506-073-83/c
; Sequence 83, Application US/09506073
; Patent No. 6410518
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of raf Gene Expression
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/09/506,073
; CURRENT FILING DATE: 2000-02-18
; EARLIER APPLICATION NUMBER: US 09/143,214
; EARLIER FILING DATE: 1998-08-28
; EARLIER APPLICATION NUMBER: PCT/US98/13961
; EARLIER FILING DATE: 1998-07-06
; EARLIER APPLICATION NUMBER: US 08/898,982
; EARLIER FILING DATE: 1997-07-07
; EARLIER APPLICATION NUMBER: US 08/756,806
; EARLIER FILING DATE: 1996-11-26
; EARLIER APPLICATION NUMBER: PCT/US95/07111
; EARLIER FILING DATE: 1995-05-31
; EARLIER APPLICATION NUMBER: US 08/250,856
; EARLIER FILING DATE: 1994-05-31
; NUMBER OF SEQ ID NOS: 130
; SEQ ID NO 83
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence

FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-506-073-83

Query Match 0.9%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 77;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1296 AGATGTGATGTTTGTTGT 1313
DB 20 AGATGAGATGTTTGTTGT 3

RESULT 44
US-09-198-452A-4180/c
; Sequence 4180, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Grifffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention of infection
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4180
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4180

Query Match 0.9%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 77;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 132 GGGGAGTTTCGTGCTT 149
DB 20 GGGGAGTTTCGTGCTT 3

RESULT 45
US-09-198-452A-5641
; Sequence 5641, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Grifffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention of infection
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5641
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5641

Query Match 0.9%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 77;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 553 TGGGATTCCTTCAGCACA 570
DB 3 TGGGATTCCTTCAGCACA 20

RESULT 46
US-09-422-978-8238
; Sequence 8238, Application US/09422978
; Patent No. 6537751

GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET 020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 8238
LENGTH: 21
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..21
OTHER INFORMATION: downstream amplification primer 99-1461.0 for SEQ 373, in compleme
US-09-422-978-8238

Query Match 0.9%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 86;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1510 AGGATGGTCATGAATTC 1527
DB 1 AGGATGGTCATGAATAC 18

RESULT 47
US-08-373-124A-310
Sequence 310, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992

ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 310:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-310

Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 68;
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1599 GGAAGGTATCTGCAG 1614
DB 1 GGAAGGTATCTGCAG 16

RESULT 48
US-08-435-628-310
Sequence 310, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600

```
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 310:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
US-08-435-628-310

Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 75.08; Pred. No. 68;
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1599 GGAAGGCTATCTGCG 1614
||||| :||:|
Db 1 GGAAGGUUUCGAG 16

RESULT 49
US-08-585-684B-2494
; Sequence 2494, Application US/08585684B
; Patent No. 587021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585.684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2494:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-585-684B-2494

Query Match 0.8%; Score 14.4; DB 1; Length 18;
Best Local Similarity 56.2%; Pred. No. 77;
Matches 9; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 783 CACTTCTGTTCTGTG 798
||||| :||:|
Db 1 CACUUCUGUCAGGUG 16

RESULT 51
US-09-167-109-96
; Sequence 96, Application US/09167109
; Patent No. 6399297
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda F.
; APPLICANT: Cowsett, Lex M.
; APPLICANT: Monia, Brett P.
; APPLICANT: Xu, Xiaoxing S.
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION
; FILE REFERENCE: ISPH-0321
; CURRENT APPLICATION NUMBER: US/09/167,109
; CURRENT FILING DATE: 1998-10-06
```

NUMBER OF SEQ ID NOS: 228
; SEQ ID NO 96
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-167-109-96

Query Match 0.8%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 77;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 62 CTGCTTCGGCGCTTG 77
Db 3 CTGCTTCGGCGCTTG 18

RESULT 52
US-08-379-072A-4/c
; Sequence 4, Application US/08379072A
; Patent No. 568570
; GENERAL INFORMATION:
; APPLICANT: NEWMAN, Roland A.
; APPLICANT: HANNA, Nabil
; APPLICANT: RAAB, Ronald W.
; TITLE OF INVENTION: RECOMBINANT ANTIBODIES FOR HUMAN THERAPY
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Burns, Doane, Swecker & Mathis
; STREET: P.O. Box 1404
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: United States
; ZIP: 22313-1404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/379,072A
; FILING DATE: 25-JAN-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/912,292
; FILING DATE: 10-JUL-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/856,281
; FILING DATE: 23-MAR-1992

; APPLICATION NUMBER: US/08/379,072A
; FILING DATE: 25-JAN-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/912,292
; FILING DATE: 10-JUL-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/856,281
; FILING DATE: 23-MAR-1992
; APPLICATION DATA:
; FILING DATE: 25-JUL-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Rea, Teresa Staneck
; REGISTRATION NUMBER: 30,427
; REFERENCE/DOCKET NUMBER: 012712-067
; TELEPHONE: (703) 836-6620
; TELEFAX: (703) 836-2021
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-379-072A-4

Query Match 0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 97;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1025 CTGAAGAGCTTCAAGC 1040
Db 17 CTGAGGAGCTTCAAGC 2

RESULT 53
US-08-478-039-114/c
; Sequence 114, Application US/08478039
; Patent No. 5681722
; GENERAL INFORMATION:
; APPLICANT: Newman, Roland A.
; APPLICANT: Hanna, Nabil
; APPLICANT: Raab, Ronald W.
; TITLE OF INVENTION: Recombinant Antibodies for Human Therapy
; NUMBER OF SEQUENCES: 114
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
; STREET: 699 Prince St.
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22313-1404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/478,039
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/379,072
; FILING DATE: 25-JAN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/912,292
; FILING DATE: 10-JUL-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/856,281
; FILING DATE: 23-MAR-1992
; APPLICATION DATA:
; FILING DATE: 25-JUL-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Teskin Esq., Robin L.
; REGISTRATION NUMBER: 35,030
; REFERENCE/DOCKET NUMBER: 012712-160
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6620
; TELEFAX: 703-836-2021
; INFORMATION FOR SEQ ID NO: 114:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; POSITION IN GENOME:
; CHROMOSOME/SEGMENT: Ig lambda light chain variable region
US-08-478-039-114

Query Match 0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 97;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1025 CTGAAGAGCTTCAAGC 1040
Db 17 CTGAGGAGCTTCAAGC 2

RESULT 54
US-08-481-869-4/c
; Sequence 4, Application US/08481869

Patent No. 5693780
GENERAL INFORMATION:
APPLICANT: NEWMAN, Roland A.
APPLICANT: HANNA, Nabil
APPLICANT: RAAB, Ronald W.
TITLE OF INVENTION: RECOMBINANT ANTIBODIES FOR HUMAN THERAPY
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSEE: Burns, Doane, Swecker & Mathis
STREET: P.O. Box 1404
CITY: Alexandria
STATE: Virginia
COUNTRY: United States
ZIP: 22313-1404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/481,969
FILING DATE:
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/379,072A
FILING DATE: 25-JAN-1995
APPLICATION NUMBER: US/07/912,292
FILING DATE: 10-JUL-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/856,281
FILING DATE: 23-MAR-1992
APPLICATION NUMBER: US/07/735,064
FILING DATE: 25-JUL-1991
ATTORNEY/AGENT INFORMATION:
NAME: Rea, Teresa Stanek
REGISTRATION NUMBER: 30,427
REFERENCE/DOCKET NUMBER: 012712-067
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-481-869-4

Query Match 0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 97;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1025 CTGAAGAGCTTCAAGC 1040
DB 17 CTGAGGAGCTTCAAGC 2

RESULT 55
US-08-476-349A-114/c
Sequence 114, Application US/08476349A
Patent No. 5750105
GENERAL INFORMATION:
APPLICANT: Newman, Roland A.
APPLICANT: Hanna, Nabil
APPLICANT: Raab, Ronald W.
TITLE OF INVENTION: Recombinant Antibodies for Human Therapy
NUMBER OF SEQUENCES: 114
CORRESPONDENCE ADDRESS:
ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
STREET: 699 Prince St.
CITY: Alexandria

STATE: VA
COUNTRY: USA
ZIP: 22313-1404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/476,349A
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/379,072
FILING DATE: 25-JAN-1995
APPLICATION NUMBER: US 07/912,292
FILING DATE: 10-JUL-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/856,281
FILING DATE: 23-MAR-1992
APPLICATION NUMBER: US 07/735,064
FILING DATE: 25-JUL-1991
ATTORNEY/AGENT INFORMATION:
NAME: Teskin Esq., Robin L.
REGISTRATION NUMBER: 35,030
REFERENCE/DOCKET NUMBER: 012712-161
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6620
TELEFAX: 703-836-2021
INFORMATION FOR SEQ ID NO: 114:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
POSITION IN GENOME:
CHROMOSOME/SEGMENT: Ig lambda light chain variable region
US-08-476-349A-114

Query Match 0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 97;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1025 CTGAAGAGCTTCAAGC 1040
DB 17 CTGAGGAGCTTCAAGC 2

RESULT 56
US-09-089-195-23
Sequence 23, Application US/09089195
Patent No. 6087489
GENERAL INFORMATION:
APPLICANT: Dean, Nicholas M.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE:
CURRENT APPLICATION DATA:

```

; APPLICATION NUMBER: US/09/089,195
; FILING DATE: herewith
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0309
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 810-1515
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; US-09-089-195-23

Query Match          0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 97;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1623 CAACACCCAGCGGCC 1638
Db 2 CAATCCAGCGGCC 17

RESULT 57
US-09-198-452A-5023
; Sequence 5023, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Grifais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5023
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5023

Query Match          0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 97;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1114 CAGTGTGAGCTATC 1129
Db 3 CAGTGTGAGCTATC 18

RESULT 58
US-08-079-110A-2
; Sequence 2, Application US/08079110A
; Patent No. 5571711
; GENERAL INFORMATION:
; APPLICANT: van der Bruggen, Pierre; Boon-Falleur,
; APPLICANT: Thierry; Coulie, Pierre; Renaud, Jean-Christophe
; TITLE OF INVENTION: ISOLATED NUCLEIC ACID MOLECULES
; TITLE OF INVENTION: CODING FOR BAGE TUMOR REJECTION ANTIGEN PRECURSORS
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Felfe & Lynch
; STREET: 805 Third Avenue
; CITY: New York City
; STATE: New York
; COUNTRY: USA
; ZIP: 10022
; COMPUTER READABLE FORM:

US-08-079-110A-2
; Sequence 2, Application US/08079110A
; Patent No. 5571711
; GENERAL INFORMATION:
; APPLICANT: van der Bruggen, Pierre; Boon-Falleur,
; APPLICANT: Thierry; Coulie, Pierre; Renaud, Jean-Christophe
; TITLE OF INVENTION: ISOLATED NUCLEIC ACID MOLECULES
; TITLE OF INVENTION: CODING FOR BAGE TUMOR REJECTION ANTIGEN PRECURSORS
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Felfe & Lynch
; STREET: 805 Third Avenue
; CITY: New York City
; STATE: New York
; COUNTRY: USA
; ZIP: 10022
; COMPUTER READABLE FORM:

; APPLICATION NUMBER: US/09/089,195
; FILING DATE: herewith
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0309
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 810-1515
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; US-09-089-195-23

Query Match          0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 97;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1623 CAACACCCAGCGGCC 1638
Db 2 CAATCCAGCGGCC 17

RESULT 57
US-09-198-452A-5023
; Sequence 5023, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Grifais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5023
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5023

Query Match          0.8%; Score 14.4; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 97;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1639 CAGAAGCTGAAGGACAAAG 1657
Db 1 CAGAAGATGAAGCACAGAG 19

RESULT 59
US-08-196-630A-2
; Sequence 2, Application US/08196630A
; Patent No. 5683886
; GENERAL INFORMATION:
; APPLICANT: van der Bruggen, Pierre
; APPLICANT: Boon-Falleur, Thierry
; TITLE OF INVENTION: ISOLATED PEPTIDES WHICH FORM
; TITLE OF INVENTION: COMPLEXES WITH MHC MOLECULE HLA-C-CLONE 10 AND USES
; TITLE OF INVENTION: THEREOF
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Felfe & Lynch
; STREET: 805 Third Avenue
; CITY: New York City
; STATE: New York
; COUNTRY: USA
; ZIP: 10022
; COMPUTER READABLE FORM:

US-08-196-630A-2
; Sequence 2, Application US/08196630A
; Patent No. 5683886
; GENERAL INFORMATION:
; APPLICANT: van der Bruggen, Pierre
; APPLICANT: Boon-Falleur, Thierry
; TITLE OF INVENTION: ISOLATED PEPTIDES WHICH FORM
; TITLE OF INVENTION: COMPLEXES WITH MHC MOLECULE HLA-C-CLONE 10 AND USES
; TITLE OF INVENTION: THEREOF
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Felfe & Lynch
; STREET: 805 Third Avenue
; CITY: New York City
; STATE: New York
; COUNTRY: USA
; ZIP: 10022
; COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/079,110A
FILING DATE: 17-JUN-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Hanson, No. 5571711man D.
REGISTRATION NUMBER: 30,946
REFERENCE/DOCKET NUMBER: LUD 5310
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 688-9200
TELEFAX: (212) 838-3884
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-079-110A-2

Query Match          0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 97;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1639 CAGAAGCTGAAGGACAAAG 1657
Db 1 CAGAAGATGAAGCACAGAG 19

RESULT 59
US-08-196-630A-2
; Sequence 2, Application US/08196630A
; Patent No. 5683886
; GENERAL INFORMATION:
; APPLICANT: van der Bruggen, Pierre
; APPLICANT: Boon-Falleur, Thierry
; TITLE OF INVENTION: ISOLATED PEPTIDES WHICH FORM
; TITLE OF INVENTION: COMPLEXES WITH MHC MOLECULE HLA-C-CLONE 10 AND USES
; TITLE OF INVENTION: THEREOF
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Felfe & Lynch
; STREET: 805 Third Avenue
; CITY: New York City
; STATE: New York
; COUNTRY: USA
; ZIP: 10022
; COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/196,630A
FILING DATE: 15-FEB-1994
CLASSIFICATION: 436
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/079,110
FILING DATE: 17-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Hanson, No. 5683886man D.
REGISTRATION NUMBER: 30,946
REFERENCE/DOCKET NUMBER: LUD 5310.1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 688-9200
TELEFAX: (212) 838-3884
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
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STRANDEDNESS: single
TOPOLOGY: linear
US-08-196-630A-2

Query Match 0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 97;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1639 CAGAAGCTGAAGGACAAAG 1657
||||| ||||| |||||
Db 1 CAGAAGATGAGCACAG 19

RESULT 60

US-08-196-630A-5
Sequence 5, Application US/08196630A
Patent No. 5683886

GENERAL INFORMATION:

APPLICANT: van der Bruggen, Pierre
APPLICANT: Boon-Falleur, Thierry
TITLE OF INVENTION: ISOLATED PEPTIDES WHICH FORM
COMPLEXES WITH MHC MOLECULE HLA-C-CLONE 10 AND USES
THEREOF
TITLE OF INVENTION: THEREOF
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Felfe & Lynch
STREET: 805 Third Avenue
CITY: New York City
STATE: New York
COUNTRY: USA
ZIP: 10022

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage

COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS

SOFTWARE: Wordperfect

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/196,630A

FILING DATE: 15-FEB-1994

CLASSIFICATION: 436

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/079,110

FILING DATE: 17-JUN-1993

ATTORNEY/AGENT INFORMATION:

NAME: Hanson, No. 5683886man D.

REGISTRATION NUMBER: 30,946

REFERENCE/DOCKET NUMBER: LUD 5310.1

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 688-9200

TELEFAX: (212) 838-3884

INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-196-630A-5

Query Match

Best Local Similarity 84.2%; Pred. No. 97;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1639 CAGAAGCTGAAGGACAAAG 1657
||||| ||||| |||||
Db 1 CAGAAGATGAGCACAG 19

RESULT 61

US-08-573-186-2
Sequence 2, Application US/08573186
Patent No. 6093540

GENERAL INFORMATION:

APPLICANT: van der Bruggen, Pierre; Boon-Falleur,

APPLICANT: Thierry; Coulie, Pierre; Renauld, Jean-Christophe
TITLE OF INVENTION: ISOLATED NUCLEIC ACID MOLECULES
CODING FOR BAGE TUMOR REJECTION ANTIGEN PRECURSORS
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Felfe & Lynch
STREET: 805 Third Avenue
CITY: New York City
STATE: New York
COUNTRY: USA
ZIP: 10022

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/573,186
FILING DATE: 15-DEC-1995
CLASSIFICATION: 436

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/079,110

FILING DATE: 17-JUN-1993

ATTORNEY/AGENT INFORMATION:

NAME: Hanson, No. 6093540man D.

REGISTRATION NUMBER: 30,946

REFERENCE/DOCKET NUMBER: LUD 5310

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 688-9200

TELEFAX: (212) 838-3884

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-573-186-2

Query Match

Best Local Similarity 84.2%; Pred. No. 97;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1639 CAGAAGCTGAAGGACAAAG 1657
||||| ||||| |||||
Db 1 CAGAAGATGAGCACAG 19

RESULT 62

US-09-230-652-117/c

Sequence 117, Application US/09230652A

Patent No. 6537775

GENERAL INFORMATION:

APPLICANT: Tournier-Lasserre, Elisabeth

APPLICANT: Joutel, Anne

APPLICANT: Bousser, Marie-Germaine

APPLICANT: Bach, Jean-Francois

TITLE OF INVENTION: GENE INVOLVED IN CADASIL, METHOD OF DIAGNOSIS AND

THERAPEUTIC APPLICATION

FILE REFERENCE: 03715.0048-00000

CURRENT APPLICATION NUMBER: US/09/230,652A

CURRENT FILING DATE: 1999-05-17

EARLIER APPLICATION NUMBER: FR 96 09733

EARLIER FILING DATE: 1996-08-01

EARLIER APPLICATION NUMBER: FR 97 04680

EARLIER FILING DATE: 1997-04-16

EARLIER APPLICATION NUMBER: PCT/FR97/01433

NUMBER OF SEQ ID NOS: 163

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 117

LENGTH: 19

TYPE: DNA

ORGANISM: Artificial Sequence


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/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/255,892
/ FILING DATE:
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/834,543
/ FILING DATE: 11-FEB-1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: DEEVER, DONALD B.
/ REGISTRATION NUMBER: 23,048
/ REFERENCE/DOCKET NUMBER: 1032/94109
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 202-861-3000
/ TELEFAX: 202-822-0944
/ TELEX: 6714627 CUSH
/ INFORMATION FOR SEQ ID NO: 70:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ US-08-255-892-70
/
/ Query Match      0.8%; Score 14.2; DB 1; Length 20;
/ Best Local Similarity 84.2%; Pred. No. 1.1e+02;
/ Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 170 TGGCCATTTCTCTGGGAAT 188
DB 19 TGGCCATCTCTCTGCTAAT 1

RESULT 66
US-08-460-806-23/c
/ Sequence 23, Application US/08460806
/ Patent No. 5747241
/ GENERAL INFORMATION:
/ APPLICANT: MIYAMURA, TATSUO
/ APPLICANT: SAITO, IZUMU
/ APPLICANT: HARADA, SHIZUKO
/ APPLICANT: HONDA, YOSHIKAZU
/ TITLE OF INVENTION: DIAGNOSTIC REAGENT FOR HEPATITIS C
/ NUMBER OF SEQUENCES: 28
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
/ STREET: 1755 S. Jefferson Davis Highway, Suite 400
/ CITY: Arlington
/ STATE: Virginia
/ COUNTRY: U.S.A.
/ ZIP: 22202
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/460,806
/ FILING DATE: 02-JUN-1995
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/08/325,630
/ FILING DATE: 19-OCT-1994
/ APPLICATION NUMBER: US 07/956,993
/ FILING DATE: 08-OCT-1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Oblon, No. 5747241man F.
/ REGISTRATION NUMBER: 24,618
/ REFERENCE/DOCKET NUMBER: 4667-001-0
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (703) 413-3000
/ TELEFAX: (703) 413-2220
/ TELEX: 248855 OPAT UR
/ INFORMATION FOR SEQ ID NO: 23:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ US-08-460-806-23
/
/ Query Match      0.8%; Score 14.2; DB 1; Length 20;
/ Best Local Similarity 84.2%; Pred. No. 1.1e+02;
/ Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1004 GGATGCTGCTGCTGAAAAC 1022
DB 19 GGATGATGCTGCTGATAGC 1

RESULT 67
US-08-325-630-23/c
/ Sequence 23, Application US/08325630
/ Patent No. 5750331
/ GENERAL INFORMATION:
/ APPLICANT: MIYAMURA, TATSUO
/ APPLICANT: SAITO, IZUMU
/ APPLICANT: HARADA, SHIZUKO
/ APPLICANT: HONDA, YOSHIKAZU
/ TITLE OF INVENTION: DIAGNOSTIC REAGENT FOR HEPATITIS C
/ NUMBER OF SEQUENCES: 28
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
/ STREET: 1755 S. Jefferson Davis Highway, Suite 400
/ CITY: Arlington
/ STATE: Virginia
/ COUNTRY: U.S.A.
/ ZIP: 22202
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/325,630
/ FILING DATE:
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/956,993
/ FILING DATE: 06-OCT-1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Oblon, No. 5750331man F.
/ REGISTRATION NUMBER: 24,618
/ REFERENCE/DOCKET NUMBER: 4667-001-0
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (703) 413-3000
/ TELEFAX: (703) 413-2220
/ TELEX: 248855 OPAT UR
/ INFORMATION FOR SEQ ID NO: 23:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ US-08-325-630-23
/
/ Query Match      0.8%; Score 14.2; DB 1; Length 20;
/ Best Local Similarity 84.2%; Pred. No. 1.1e+02;
/ Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1004 GGATGCTGCTGCTGAAAAC 1022
DB 19 GGATGATGCTGCTGATAGC 1
```


APPLICATION NUMBER: US/09/101,886B
FILING DATE: 29-JANUARY-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB97/00109
FILING DATE: 12-JAN-1997
ATTORNEY/AGENT INFORMATION:
NAME: ERNST, BARBARA G
REGISTRATION NUMBER: 30,377
REFERENCE/DOCKET NUMBER: 1181-240
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-783-6040
TELEFAX: 202-783-6031
INFORMATION FOR SEQ ID NO: 81:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-101-886B-81

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 48 CCTGGCCACTCTCTGCT 66
DB 19 CCGGCTCACTCTCTGCT 1

RESULT 73

US-09-290-640-79/c
Sequence 79, Application US/09290640
Patent No. 6204055
GENERAL INFORMATION:
APPLICANT: Dean, Nicholas M.
APPLICANT: Marcussen, Eric G.
TITLE OF INVENTION: Antisense Compound Modulation of Fas Mediated Signaling
FILE REFERENCE: ISPH-0351
CURRENT APPLICATION NUMBER: US/09/290,640
CURRENT FILING DATE: 1999-04-12
NUMBER OF SEQ ID NOS: 85
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 79
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-09-290-640-79

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1698 GGAGAGGCCACCCGACCA 1716
DB 20 GGAAATCAACCCGACCA 2

RESULT 74

US-09-313-932-312
Sequence 312, Application US/09313932A
Patent No. 6228642
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-

TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: ISPH-0356
CURRENT APPLICATION NUMBER: US/09/313,932A
CURRENT FILING DATE: 1999-05-18
NUMBER OF SEQ ID NOS: 501
SEQ ID NO 312
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-09-313-932-312

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 428 TCGCGGTGATGGTGGAT 446
DB 2 TCGCGGTGATGGTGGGT 20

RESULT 75

US-09-021-701-206/c
Sequence 206, Application US/09021701
Patent No. 6251588
GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
APPLICANT: Wolber, Paul K.
APPLICANT: Delenstarr, Glenda C.
APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 206:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-021-701-206

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;


```
QY 1336 AACACAGAGATGCTGGAG 1354
Db 1 AATCCGAGAGATGCTGGAG 19

RESULT 80
US-09-657-452A-99/c
; Sequence 99, Application US/09657452A
; Patent No. 6426188
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHORYLASE KINASE ALPHA 1 EXPRESSION
; FILE REFERENCE: RTS-0125
; CURRENT APPLICATION NUMBER: US/09/657,452A
; CURRENT FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 178
; SEQ ID NO 99
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-452A-99

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1358 CCACCTACATGATGAGTT 1376
Db 19 CCACCTACGTCGAGGATT 1

RESULT 81
US-09-222-938A-82
; Sequence 82, Application US/09222938A
; Patent No. 6437108
; GENERAL INFORMATION:
; APPLICANT: Youngman, Philip
; APPLICANT: Fritz, Chrisian
; APPLICANT: Murphy, Christopher
; APPLICANT: Guzman, Luz-Maria
; TITLE OF INVENTION: ESSENTIAL BACTERIAL GENES AND THEIR USE
; FILE REFERENCE: 07334/060001
; CURRENT APPLICATION NUMBER: US/09/222,938A
; CURRENT FILING DATE: 1998-12-30
; NUMBER OF SEQ ID NOS: 102
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 82
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Streptococcus pneumoniae
US-09-222-938A-82

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1682 TTGCCAAGAGGCGAGTGA 1700
Db 1 TTGGCAAGAGGCGAGGAA 19

RESULT 82
US-09-658-688A-22
; Sequence 22, Application US/09658688A
; Patent No. 6498035
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: William Gaarde
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
```

```
; TITLE OF INVENTION: ANTISENSE MODULATION OF MEK3 EXPRESSION
; FILE REFERENCE: RTS-0143
; CURRENT APPLICATION NUMBER: US/09/658,688A
; CURRENT FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-658-688A-22

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 978 ACCCTCTGGGCACTGTG 996
Db 1 ACCCTGCCGGCAATGTG 19

RESULT 83
US-09-658-688A-82
; Sequence 82, Application US/09658688A
; Patent No. 6498035
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: William Gaarde
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF MEK3 EXPRESSION
; FILE REFERENCE: RTS-0143
; CURRENT APPLICATION NUMBER: US/09/658,688A
; CURRENT FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 82
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-658-688A-82

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 401 CTGCTGACTTGACCAAGAA 419
Db 2 CTGCTGACCTGTCCAAGGA 20

RESULT 84
US-08-754-477A-116
; Sequence 116, Application US/08754477A
; Patent No. 6518411
; GENERAL INFORMATION:
; APPLICANT: Murray, Jeffrey
; APPLICANT: Semina, Elena
; TITLE OF INVENTION: RIEG COMPOSITIONS AND THERAPEUTIC
; TITLE OF INVENTION: AND DIAGNOSTIC USES THEREFOR
; NUMBER OF SEQUENCES: 139
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FOLEY, HOAG & ELIOT LLP
; STREET: One Post Office Square
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2170
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
```

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/754,477A
FILING DATE: 22-NOV-1996
ATTORNEY/AGENT INFORMATION:
NAME: Arnold, Beth E.
REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: UIA-022.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1000
TELEFAX: 617-832-7000
INFORMATION FOR SEQ ID NO: 116:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-754-477A-116

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 658 GGGAAACCCAGGCTCTGTGA 676
|||||
Db 2 GGGAAACATGCTCTGTGA 20

RESULT 85
US-09-422-978-9269
Sequence 9269, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET-020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 9269
LENGTH: 20
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..20
OTHER INFORMATION: downstream amplification primer 99-23773 for SEQ 1404, in complement
US-09-422-978-9269

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 428 TGCCGGTGATGGTGGAT 446
|||||
Db 1 TGCCGATGATGGCGTAGAT 19

RESULT 86
US-09-198-452A-3559/c
Sequence 3559, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:

APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 3559
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-09-198-452A-3559

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 136 AAGTTCGTCAGCTTAGAG 154
|||||
Db 20 AAGTTCGTCAGCTCAAAGG 2

RESULT 87
US-09-198-452A-3643
Sequence 3643, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 3643
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-09-198-452A-3643

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 696 GGGAGGAGAAAGTGTCTCT 714
|||||
Db 1 GGGAGGAGAAAGTGTCTCT 19

RESULT 88
US-09-198-452A-6045
Sequence 6045, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 6045
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-09-198-452A-6045

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1022 CACCTGAAGAGCTTCAAGC 1040
Db 2 CTCCTGAAGAGCTTCTTGC 20

RESULT 89

US-09-198-452A-6238/C
; Sequence 6238, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention of infection and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6238
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-6238

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1188 TCCCTGTGTTGCTTGCCT 1206
Db 20 TCCCTGTGTTGCTTGCCT 2

RESULT 90

US-09-198-452A-6311
; Sequence 6311, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention of infection and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6311
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-6311

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1037 AACCTGAAGAGGATTTCCA 1055
Db 2 AATCCGCAAGGATTTCCA 20

RESULT 91

US-08-292-620A-338
; Sequence 338, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF

; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066

; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 338:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-292-620A-338

two

Query Match 0.8%; Score 14; DB 1; Length 15;
Best Local Similarity 64.3%; Pred. No. 65;
Matches 9; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 872 TCATGGTTCACTGC 885
Db 1 UCAUGGUUACUCC 14

RESULT 92

US-09-071-845-338
; Sequence 338, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 338:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-071-845-338

Query Match 0.8%; Score 14; DB 1; Length 15;
Best Local Similarity 64.3%; Pred. No. 65;
Matches 9; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 872 TCATGTTCACTGC 885
DB 1 UCAUGGUUACUGC 14

RESULT 93
PCT-US93-02612-2/c
Sequence 2, Application PC/TUS9302612
GENERAL INFORMATION:
APPLICANT: Cable, Michael
APPLICANT: Hesson, Thomas
APPLICANT: Mannarino, Anthony
TITLE OF INVENTION: Monomeric Platelet-Derived Growth Factor and Prevention of
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Schering-Plough Corporation
STREET: One Giralda Farms
CITY: Madison
STATE: New Jersey
COUNTRY: USA
ZIP: 07940
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Apple Macintosh
OPERATING SYSTEM: Macintosh 6.0.5
SOFTWARE: Microsoft Word 4.003
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/02612
FILING DATE: 19930326
CLASSIFICATION:

PRIOR APPLICATION DATA: None
ATTORNEY/AGENT INFORMATION:
NAME: Lunn, Paul, G.
REGISTRATION NUMBER: 32,743
REFERENCE/DOCKET NUMBER: JB0255
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-822-7255
TELEFAX: 201-822-7039
TELEX: 219165
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
PCT-US93-02612-2
Query Match 0.8%; Score 14; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 65;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 657 AGGACCCAGGCT 670
DB 14 AGGACCCAGGCT 1

RESULT 94
US-08-649-046-9
Sequence 9, Application US/08649046
Patent No. 5912415
GENERAL INFORMATION:
APPLICANT: OLSZEWSKI, NEIL E.
APPLICANT: JACOBSEN, STEVEN E.
TITLE OF INVENTION: THE SPINDLY GENE, METHODS OF
IDENTIFICATION AND USE
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
ADDRESSEE: MUETING, RAASCH, GEBHARDT & SCHWAPPACH, P.A.
STREET: 119 NORTH FOURTH STREET, SUITE 203
CITY: MINNEAPOLIS
STATE: MINNESOTA
COUNTRY: USA
ZIP: 55401
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/649,046
FILING DATE: 16-MAY-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MCCORMACK, MYRA H.
REGISTRATION NUMBER: 36,602
REFERENCE/DOCKET NUMBER: 110.00340101
TELECOMMUNICATION INFORMATION:
TELEPHONE: 612-305-1225
TELEFAX: 612-305-1228
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-649-046-9

Query Match 0.8%; Score 14; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 75;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1340 ACAGAGATGCTGGA 1353

```
Db      2 ACAGAGTGTGGA 15
|||||
RESULT 95
US-08-229-528-18
; Sequence 18, Application US/08229528
; Patent No 5837447
; GENERAL INFORMATION:
; APPLICANT: GORSKI, Jack
; TITLE OF INVENTION: MONITORING AN IMMUNE RESPONSE BY ANALYSIS OF AMPLIFIED IMMUNO
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: P. O. Box 1497
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53701-1497
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: MS-DOS 3.3
; SOFTWARE: WordPerfect, Version 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/229,528
; FILING DATE: 18-APR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/868,569
; FILING DATE: 15-APR-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Scanlon, William J.
; REGISTRATION NUMBER: 30,136
; REFERENCE/DOCKET NUMBER: 30383/133
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 258-4284
; TELEFAX: (608) 258-4258
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid;
; DESCRIPTION: Synthetic DNA oligonucleotide
US-08-229-528-18
Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 86;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      234 GCAGCTGCAGAAC 247
|||||
Db      4 GCAGCTGCAGAAC 17
|||||
RESULT 96
US-08-117-364A-1/c
; Sequence 1, Application US/08117364A
; Patent No. 5569604
; GENERAL INFORMATION:
; APPLICANT: Russo, Andrew F.
; APPLICANT: Lanigan, Thomas M.
; APPLICANT: Tverberg, Lois A.
; TITLE OF INVENTION: CALCITONIN/CALCITONIN GENE RELATED PEPTIDE ENHANCER ELEMENT A
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 60 STATE STREET, Suite 510
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 02109
```

```
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/117,364A
FILING DATE: 03-SEP-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Hanley, Elizabeth A.
REGISTRATION NUMBER: 33505
REFERENCE/DOCKET NUMBER: UIZ-005
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 227-7400
TELEFAX: (617) 277-4951
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
US-08-117-364A-1
Query Match 0.8%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 97;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      153 AGGATTGCACAGC 166
|||||
Db      18 AGGATTGCACAGC 5
|||||
RESULT 97
US-08-457-733-1/c
; Sequence 1, Application US/08457733
; Patent No. 5976788
; GENERAL INFORMATION:
; APPLICANT: Russo, Andrew F.
; APPLICANT: Lanigan, Thomas M.
; APPLICANT: Tverberg, Lois A.
; TITLE OF INVENTION: CALCITONIN/CALCITONIN GENE RELATED PEPTIDE ENHANCER ELEMENT A
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 60 STATE STREET, Suite 510
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/457,733
; FILING DATE: 03-SEP-1993
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Hanley, Elizabeth A.
; REGISTRATION NUMBER: 33505
; REFERENCE/DOCKET NUMBER: UIZ-005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 277-4951
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
```

MOLECULE TYPE: other nucleic acid

US-08-457-733-1

Query Match 0.8%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 97;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 153 AGGATTGACAGC 166
DB 18 AGGATTGACAGC 5

RESULT 98

US-08-457-996A-1/c

Sequence 1, Application US/08457996A

Patent No. 6159735

GENERAL INFORMATION:

APPLICANT: Russo, Andrew P.

APPLICANT: Lanigan, Thomas M.

APPLICANT: Tverberg, Lois A.

TITLE OF INVENTION: CALCITONIN/CALCITONIN GENE RELATED PEPTIDE ENHANCER ELEMENT A

NUMBER OF SEQUENCES: 13

CORRESPONDENCE ADDRESS:

ADDRESSEE: LAHIVE & COCKFIELD, LLP

STREET: 28 STATE STREET

CITY: BOSTON

STATE: MASSACHUSETTS

COUNTRY: USA

ZIP: 02109

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/457,996A

FILING DATE: 11-FEB-1999

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Hanley, Elizabeth A.

REGISTRATION NUMBER: 33,505

REFERENCE/DOCKET NUMBER: UIZ-005DVCFA

TELECOMMUNICATION INFORMATION:

TELEPHONE: (617) 227-7400

TELEFAX: (617) 742-4214

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

US-08-457-996A-1

Query Match 0.8%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 97;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 153 AGGATTGACAGC 166
DB 18 AGGATTGACAGC 5

RESULT 99

US-09-422-978-7185/c

Sequence 7185, Application US/09422978

Patent No. 6537751

GENERAL INFORMATION:

APPLICANT: Cohen, Daniel

APPLICANT: Blumenfeld, Marta

APPLICANT: Chumakov, Ilya

TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCES: GENSET.020CP1

CURRENT APPLICATION NUMBER: US/09/422,978

CURRENT FILING DATE: 1999-10-20

EARLIER APPLICATION NUMBER: US 09/298,850

EARLIER FILING DATE: 1999-04-21

EARLIER APPLICATION NUMBER: US 60/109,732

EARLIER FILING DATE: 1998-11-23

EARLIER APPLICATION NUMBER: US 60/082,614

EARLIER FILING DATE: 1998-04-21

NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 7185

LENGTH: 18

TYPE: DNA

ORGANISM: Homo Sapiens

FEATURE:

NAME/KEY: primer_bind

LOCATION: 1..18

OTHER INFORMATION: upstream amplification primer 99-2726 for SEQ 3251,

US-09-422-978-7185

Query Match 0.8%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 97;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1487 CAGAAGAGGAGATC 1500
DB 18 CAGAAGAGGAGATC 5

RESULT 100

US-08-086-915-9/c

Sequence 9, Application US/08086915

Patent No. 5444167

GENERAL INFORMATION:

APPLICANT: Pettersson, Kim SI

TITLE OF INVENTION: Variant Luteinizing Hormone Encoding DNA

NUMBER OF SEQUENCES: 17

CORRESPONDENCE ADDRESS:

ADDRESSEE: Adnuc, Mastriani, Schaumborg & Schill

STREET: 1140 Connecticut Avenue, N.W., Suite 250

CITY: Washington

STATE: D.C.

COUNTRY: U.S.A.

ZIP: 20036

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/086,915

FILING DATE: 07-JUL-1993

CLASSIFICATION: 536

ATTORNEY/AGENT INFORMATION:

NAME: Kubovcik, Ronald J.

REGISTRATION NUMBER: 25,401

REFERENCE/DOCKET NUMBER: 15873005

TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-467-6300

TELEFAX: 202-466-2006

INFORMATION FOR SEQ ID NO: 9:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-086-915-9

Query Match 0.8%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1425 AGGAGACCCAGGG 1438
DB 18 AGGAGACCCAGGG 5

Db 14 AGGAGACCACGGGG 1

RESULT 101

US-09-422-978-4532/c
; Sequence 4532, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422.978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4532
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-15627 for SEQ 598,
US-09-422-978-4532

Query Match 0.8%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 707 GGTCTCTGTCTTCTT 720

Db 16 GGTCTCTGTCTTCTT 3

RESULT 102

US-09-076-259-2
; Sequence 2, Application US/09076259
; Patent No. 6548245
; GENERAL INFORMATION:
; APPLICANT: Lilly, Craig M.
; APPLICANT: Luster, Andrew D.
; APPLICANT: Drazen, Jeffrey M.
; TITLE OF INVENTION: METHODS FOR DIAGNOSIS, PREDICTION
; TITLE OF INVENTION: AND TREATMENT OF ASTHMA AND OTHER INFLAMMATORY CONDITIONS
; TITLE OF INVENTION: BASED ON BOTAXIN CODING SEQUENCE POLYMORPHISM
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: MA
; COUNTRY: U.S.A.
; ZIP: 02210-2211
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/076,259
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/046,720
; FILING DATE: 16-MAY-1997
; ATTORNEY/AGENT INFORMATION:

; NAME: Plumer, Elizabeth R.
; REGISTRATION NUMBER: 36,637
; REFERENCE/DOCKET NUMBER: B0801/7104
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-720-3500
; TELEFAX: 617-720-2441
; TELEX:
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other
US-09-076-259-2

Query Match 0.8%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 854 AAACACACCTCTCT 867

Db 3 AAACACACCTCTCT 16

RESULT 103

US-09-716-319-2/c
; Sequence 2, Application US/09716319
; Patent No. RE38028
; GENERAL INFORMATION:
; APPLICANT: BRIGGS, ROBERT E.
; TATUM, FRED M.
; TITLE OF INVENTION: MOLECULAR GENETIC CONSTRUCTION OF
; VACCINE STRAINS OF PASTEURELLACEAE
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BANNER AND WITCOFF, LTD.
; STREET: 1001 G STREET, NW
; CITY: WASHINGTON
; STATE: DC
; COUNTRY: USA
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/716,319
; FILING DATE: 21-NOV-1996
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/770,234
; FILING DATE: 19-DEC-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: KAGAN, SARAH A.
; REGISTRATION NUMBER: 32,141
; REFERENCE/DOCKET NUMBER: 0295.56516
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202 508 9100
; TELEFAX: 202 508 9299
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Pasteurella haemolytica
; STRAIN: serotype 1/pd70

/ SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-716-319-2

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 96;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 411 GACCAAGAAAAACAGGC 427
DB 17 GAGCAGGAAAAACAGGC 1

RESULT 104

US-08-373-124A-1337
; Sequence 1337, Application US/08373124A
; Patent No. 5646042

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/373,124A

FILING DATE: January 13, 1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/245,466

FILING DATE: May 18, 1994

APPLICATION NUMBER: 08/192,943

FILING DATE: February 7, 1994

APPLICATION NUMBER: 07/987,132

FILING DATE: December 7, 1992

APPLICATION NUMBER: 07/936,422

FILING DATE: August 26, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 209/035

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 1337:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-373-124A-1337

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 96;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1599 GGAAGGATCTCAGCA 1615

Db 1 GGAAGGCUACCGCAGA 17

RESULT 105

US-08-758-306-585/c
; Sequence 585, Application US/08758306
; Patent No. 5807743

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwigen, James A.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: FastSeq Version 1.5

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/758,306

FILING DATE: December 3, 1996

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 212/132

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 585:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-758-306-585

Query Match

Best Local Similarity 0.8%; Score 13.8; DB 1; Length 17;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1646 TGAAGGACAAAGAGTA 1662

DB 17 TGAAGGACTAAGAGGA 1

RESULT 106

US-08-758-306-589/c
; Sequence 589, Application US/08758306
; Patent No. 5807743

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwigen, James A.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR

;; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
;; NUMBER OF SEQUENCES: 1379
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Lyon & Lyon
;; STREET: 633 West Fifth Street
;; CITY: Suite 4700
;; STATE: Los Angeles
;; COUNTRY: California
;; ZIP: 90071-2066
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;; MEDIUM TYPE: storage
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: IBM P.C. DOS 5.0
;; SOFTWARE: FastSeq Version 1.5
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/758,306
;; FILING DATE: December 3, 1996
;; CLASSIFICATION: 514
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER:
;; FILING DATE:
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 212/132
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 589:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 17 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
US-08-758-306-589

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred.No. 96;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1640 AGAAGCTGAAGGACAA 1656
Db 17 AGCAGCTGAAGGACTAA 1

RESULT 107
US-08-435-628-1337
; Sequence 1337, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible

;; OPERATING SYSTEM: IBM P.C. DOS 5.0
;; SOFTWARE: Word Perfect 5.1
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/435,628
;; FILING DATE: 05-MAY-1995
;; CLASSIFICATION: 514
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 08/373,124
;; FILING DATE: January 13, 1995
;; APPLICATION NUMBER: 08/245,466
;; FILING DATE: May 18, 1994
;; APPLICATION NUMBER: 08/192,943
;; FILING DATE: February 7, 1994
;; APPLICATION NUMBER: 07/987,132
;; FILING DATE: December 7, 1992
;; APPLICATION NUMBER: 07/936,422
;; FILING DATE: August 26, 1992
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 209/035
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 1337:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 17 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
US-08-435-628-1337

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred.No. 96;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 1599 GGAAGGCTATCTGCAGA 1615
Db 1 GGAAGGCUACCGCAGA 17

RESULT 108
US-08-292-620A-1663
; Sequence 1663, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:

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; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1663:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-292-620A-1663

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 96;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 1027 GAAGCCTTCAGCTGA 1043
Db 1 GAAGCUCUUCAGCGUA 17

RESULT 109
US-08-292-620A-2011
; Sequence 2011, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
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two

two

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; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2011:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-292-620A-2011

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 96;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 1027 GAAGCCTTCAGCTGA 1043
Db 1 GAAGCUCUUCAGCGUA 17

RESULT 110
US-08-770-234-2/c
; Sequence 2, Application US/08770234
; Patent No. 5840556
; GENERAL INFORMATION:
; APPLICANT: BRIGGS, ROBERT E.
; APPLICANT: TATUM, FRED M.
; TITLE OF INVENTION: MOLECULAR GENETIC CONSTRUCTION OF
; TITLE OF INVENTION: VACCINE STRAINS OF PASTEURELLA
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BANNER AND WITCOFF, LTD.
; STREET: 1001 G STREET, NW
; CITY: WASHINGTON
; STATE: DC
; COUNTRY: USA
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/770,234
; FILING DATE: 19-DEC-1996
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: KAGAN, SARAH A.
; REGISTRATION NUMBER: 32,141
; REFERENCE/DOCKET NUMBER: 0295.56516
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202 508 9100
; TELEFAX: 202 508 9299
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Pasteurella haemolytica
; STRAIN: serotype 1/pd70
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US-08-770-234-2

Query Match

Best Local Similarity 0.8%; Score 13.8; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 411 GACCAAGAAAACAGGC 427

DB 17 GAGCAGGAAAACAGGC 1

RESULT 111

US-08-173-489C-37
Sequence 37, Application US/08173489C
Patent No. 5861244
GENERAL INFORMATION:
APPLICANT: WANG, C. -G.
APPLICANT: HEPBURN, A. G.
TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
NUMBER OF SEQUENCES: 365

CORRESPONDENCE ADDRESS:

ADDRESSES: PROFILE DIAGNOSTIC SCIENCES, INC.,

STREET: 510 EAST 73RD STREET,

CITY: NEW YORK

STATE: NEW YORK

COUNTRY: USA

ZIP: 10021

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch, 1.44Mb storage

COMPUTER: IBM PC/XT/AT

OPERATING SYSTEM: MS-DOS version 6.2

SOFTWARE: Wordperfect Version 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/173,489C

FILING DATE: 22 DEC 1993

CLASSIFICATION: 435

PRIORITY APPLICATION DATA:

APPLICATION NUMBER: US 07/968,436

FILING DATE: 29 OCT 1992

ATTORNEY/AGENT INFORMATION:

NAME: Handelman, Joseph H.

REGISTRATION NUMBER: 26,179

REFERENCE/DOCKET NUMBER: U9518-6

TELEPHONE: (attorney) (212) 708-1880

TELEFAX: (attorney) (212) 246-8959

INFORMATION FOR SEQ ID NO: 37:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: Nucleic Acid

STRANDEDNESS: double stranded

TOPOLOGY: linear

MOLECULE TYPE: Genomic DNA

DESCRIPTION: dystrophin gene (Accession # M18533,

HYPOTHETICAL: NO

ANTI-SENSE: NO

ORIGINAL SOURCE:

ORGANISM: Homo sapiens

POSITION IN GENOME:

CHROMOSOME/SEGMENT: X-chromosome

MAP POSITION: Xp21.3-p21.1

PUBLICATION INFORMATION:

AUTHORS: Koenig, M, Hoffman, E P, Bertelson, C J,

AUTHORS: Monaco, A P, Feener, C, Kunkel, L M.

TITLE: Complete cloning of the

TITLE: Duchenne muscular dystrophy (DMD) cDNA and

TITLE: preliminary genomic organization of the DMD

TITLE: gene in normal and affected individuals

JOURNAL: Cell

VOLUME: 50

PAGES: 509-517

Query Match

Best Local Similarity 0.8%; Score 13.8; DB 1; Length 17;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

DATE: 1987

AUTHORS: Hoffman, E P, Monaco, A P, Feener, C C,

AUTHORS: Kunkel, L M.

TITLE: Conservation of the Duchenne

TITLE: muscular dystrophy gene in mice and humans

JOURNAL: Science

VOLUME: 238

PAGES: 347-350

DATE: 1987

AUTHORS: Koenig, M, Monaco, A P, Kunkel, L M.

TITLE: The complete sequence of

TITLE: dystrophin predicts a rod-shaped cytoskeletal

TITLE: protein

JOURNAL: Cell

VOLUME: 53

PAGES: 219-228

DATE: 1988

RELEVANT RESIDUES IN SEQ ID NO: 37 :FROM 1 TO 17

US-08-173-489C-37

Query Match

Best Local Similarity 0.8%; Score 13.8; DB 1; Length 17;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 893 AGAAGACGGAAGAGGAG 909

DB 1 AGAAGACGGAAGAGGAG 17

RESULT 112

US-08-757-024-782

Sequence 782, Application US/08757024

Patent No. 6025339

GENERAL INFORMATION:

APPLICANT: Nyce, Jonathan W.

TITLE OF INVENTION: METHOD OF TREATMENT FOR ASTHMA

NUMBER OF SEQUENCES: 952

CORRESPONDENCE ADDRESS:

ADDRESSEE: BELL, SELTZER, PARK & GIBSON

STREET: P.O. Drawer 34009

CITY: Charlotte

STATE: No. 6025339th Carolina

COUNTRY: USA

ZIP: 28234

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/757,024

FILING DATE: 26-NOV-1996

CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:

NAME: Sibley, Kenneth D.

REGISTRATION NUMBER: 31,665

REFERENCE/DOCKET NUMBER: 5218-41

TELECOMMUNICATION INFORMATION:

TELEPHONE: 919-881-3140

TELEFAX: 919-881-3175

TELEX: 575102

INFORMATION FOR SEQ ID NO: 782:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

US-08-757-024-782

QY 70 GCGGCTTGGGGGCACA 86
DB 1 GCGGCATGCGGGCACA 17

RESULT 113

US-09-071-845-1663
; Sequence 1663, Application US/09071845

; Patent No. 6132967

; GENERAL INFORMATION:

; APPLICANT: Susan Grimm

; APPLICANT: Dan T. Stinchcomb

; APPLICANT: James McSwiggen

; APPLICANT: Sean Sullivan

; APPLICANT: Kenneth G. Draper

; TITLE OF INVENTION: RIBOZYME TREATMENT OF

; TITLE OF INVENTION: DISEASES OR CONDITIONS

; TITLE OF INVENTION: RELATED TO LEVELS OF

; TITLE OF INVENTION: INTRACELLULAR ADHESION

; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)

; NUMBER OF SEQUENCES: 2390

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; STREET: Suite 4700

; CITY: Los Angeles

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071-2066

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: Word Perfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/071,845

; FILING DATE:

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/08/292,620

; FILING DATE: August 17, 1994

; APPLICATION NUMBER: 08/008,895

; FILING DATE: January 19, 1993

; APPLICATION NUMBER: 07/989,849

; FILING DATE: December 7, 1992

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard J.

; REFERENCE/DOCKET NUMBER: 208/149

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 1663:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 17 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-09-071-845-1663

Query Match 0.8%; Score 13.8; DB 1; Length 17;

Best Local Similarity 70.6%; Pred. No. 96;

Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1027 GAAGAGCTTCAAGCTGA 1043

DB 1 GAAGCUCUACAGCUGA 17

RESULT 114

Query Match 0.8%; Score 13.8; DB 1; Length 17;

Best Local Similarity 70.6%; Pred. No. 96;

Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

US-09-071-845-2011

; Sequence 2011, Application US/09071845

; Patent No. 6132967

; GENERAL INFORMATION:

; APPLICANT: Susan Grimm

; APPLICANT: Dan T. Stinchcomb

; APPLICANT: James McSwiggen

; APPLICANT: Sean Sullivan

; APPLICANT: Kenneth G. Draper

; TITLE OF INVENTION: RIBOZYME TREATMENT OF

; TITLE OF INVENTION: DISEASES OR CONDITIONS

; TITLE OF INVENTION: RELATED TO LEVELS OF

; TITLE OF INVENTION: INTRACELLULAR ADHESION

; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)

; NUMBER OF SEQUENCES: 2390

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; STREET: Suite 4700

; CITY: Los Angeles

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071-2066

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: Word Perfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/071,845

; FILING DATE:

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/08/292,620

; FILING DATE: August 17, 1994

; APPLICATION NUMBER: 08/008,895

; FILING DATE: January 19, 1993

; APPLICATION NUMBER: 07/989,849

; FILING DATE: December 7, 1992

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard J.

; REFERENCE/DOCKET NUMBER: 208/149

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 2011:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 17 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-09-071-845-2011

Query Match 0.8%; Score 13.8; DB 1; Length 17;

Best Local Similarity 70.6%; Pred. No. 96;

Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1027 GAAGAGCTTCAAGCTGA 1843

DB 1 GAAGCUCUACAGCUGA 17

RESULT 115

US-08-584-040-2865/C

; Sequence 2865, Application US/08584040

; Patent No. 6346398

; GENERAL INFORMATION:

; APPLICANT: Pavco, Pamela

; APPLICANT: McSwiggen, James

; APPLICANT: Stinchcomb, Dan T.

```
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: METHOD AND REAGENT FOR THE
/ TREATMENT OF DISEASES OR
/ TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
/ TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
/ TITLE OF INVENTION: GROWTH FACTOR
/ NUMBER OF SEQUENCES: 8502
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/584,040
/ FILING DATE: January 11, 1996
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 60/005,974
/ FILING DATE: October 26, 1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 218/064
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 2865:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-584-040-2865

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 96;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1036 CAGGCTGAAGGAATT 1052
Db 17 CAGGCTGAAGGAATT 1

RESULT 116
US-08-584-040-2866/c
; Sequence 2866 Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2865:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
/ US-08-584-040-2865
```

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/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/584,040
/ FILING DATE: January 11, 1996
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 60/005,974
/ FILING DATE: October 26, 1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 218/064
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 2866:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-584-040-2866

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 96;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1035 TCAGCTGAAGGAATT 1051
Db 17 TCAGCTGAAGGAATT 1

RESULT 117
US-08-584-040-2867/c
; Sequence 2867 Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
/ US-08-584-040-2866
```

CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2867:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-2867

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 96;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1034 TTCAAGCTGAAGGAAT 1050
Db 17 TTCAAGCTGAAGGAAT 1

RESULT 118

US-08-584-040-8091/c
Sequence 8091, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 8091:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-8091

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 96;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1394 TCTCATCAGACATGAAA 1410
Db 17 TCTCATCAGACAGAAA 1

RESULT 119

US-09-474-432B-790
Sequence 790, Application US/09474432B
Patent No. 6528640
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Burgin, Alex
APPLICANT: Beaudry, Amber
APPLICANT: Karpeisky, Alex
APPLICANT: Adamic, Jasenka
APPLICANT: Sweedler, David
APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleotides
FILE REFERENCE: MEH800-831-B (247/276)
CURRENT APPLICATION NUMBER: US/09/474,432B
CURRENT FILING DATE: 1999-12-19
PRIOR APPLICATION NUMBER: US 60/064,866
PRIOR FILING DATE: 1997-11-05
PRIOR APPLICATION NUMBER: US 60/084,727
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: US 09/186,675
PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: US 09/301,511
PRIOR FILING DATE: 1999-04-28
NUMBER OF SEQ ID NOS: 1526
SOFTWARE: PatentIn version 3.0
SEQ ID NO 790
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-474-432B-790

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 96;
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 1561 GGGGAAGGCTGCCCA 1577
Db 1 GGGGAAGGCTGCCCA 17

RESULT 120

US-09-371-772B-1389/c
Sequence 1389, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MEH800,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B

```

RESULT 124
US-09-770-532-19/c
; Sequence 19, Application US/09770532
; Patent No. 6583279
; GENERAL INFORMATION:
; APPLICANT: Berger, Dolores M.
; APPLICANT: Nussbaumer, William A.
; APPLICANT: Port, Thomas L.
; APPLICANT: Hellyer, Tobin J.
; TITLE OF INVENTION: Sequences and Methods for
; TITLE OF INVENTION: Virus
; FILE REFERENCE: Seg/Mtds for Detection of HBV
; CURRENT APPLICATION NUMBER: US/09/770,532
; CURRENT FILING DATE: 2001-01-26
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: Patent In Ver. 2.1

```

SEQ ID NO 19
LENGTH: 17
TYPE: DNA
ORGANISM: Hepatitis B virus
US-09-770-532-19

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 96;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1260 TGTCAAAAGAAAGACC 1276
17 TGTCAACAAAGAAAGACC 1

RESULT 125

US-08-390-850-1064
Sequence 1064, Application US/08390850
Patent No. 5612215

GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggan, James
APPLICANT: Gustofson, John
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
NUMBER OF SEQUENCES: 1151
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
CITY: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/390,850
FILING DATE: February 17, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/354,920
FILING DATE: December 13, 1994
APPLICATION NUMBER: 08/152,487
FILING DATE: No. 5612158ember 12, 1993
APPLICATION NUMBER: 07/989,848
FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211/084
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1064:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-390-850-1064

Query Match 0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 64.7%; Pred. No. 1.le+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 498 CCTTGCTGCCCATGAAA 514

Db 1 CGUUGCUGCUCAUGAAA 17

RESULT 126

US-08-435-634-1064
Sequence 1064, Application US/08435634
Patent No. 5731295

GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggan, James
APPLICANT: Gustofson, John
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
NUMBER OF SEQUENCES: 1151
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
CITY: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,634
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/390,850
FILING DATE: February 17, 1995
APPLICATION NUMBER: 08/354,920
FILING DATE: December 13, 1994
APPLICATION NUMBER: 08/152,487
FILING DATE: No. 5731295ember 12, 1993
APPLICATION NUMBER: 07/989,848
FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211/084
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1064:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-634-1064

Query Match 0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 64.7%; Pred. No. 1.le+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 498 CCTTGCTGCCCATGAAA 514
1 CGUUGCUGCUCAUGAAA 17

RESULT 127

US-08-676-279-27/c
Sequence 27, Application US/08676279
Patent No. 5869247

GENERAL INFORMATION:
APPLICANT: MACROPHAGE NUCLEOTIDE SEQUENCE
TITLE OF INVENTION: 63
NUMBER OF SEQUENCES: 63
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/676,279
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB95/00095
APPLICATION NUMBER: GB 9400929.7
FILING DATE: 19-JAN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9422021.7
FILING DATE: 31-OCT-1994
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-676-279-27

Query Match 0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 425 GGCTGCCGCTGATGGT 441
|||||
DB 17 GGCTGCCGAGAGGTG 1

RESULT 128
US-09-205-922-75/c
Sequence 75, Application US/09205922
Patent No. 5951455
GENERAL INFORMATION:
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-11 EXPRESSION
FILE REFERENCE: RTS-0030
CURRENT APPLICATION NUMBER: US/09/205,922
CURRENT FILING DATE: 1998-12-04
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 75
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-922-75

Query Match 0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1262 TCAAAAGAGGACCTG 1278
|||||
DB 18 TCAACAGAGGACCTG 2

RESULT 129
US-09-197-008-11/c
Sequence 11, Application US/09197008
Patent No. 5977341
GENERAL INFORMATION:
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B KINASE-BETA EXPRESSION
FILE REFERENCE: RTS-0019

CURRENT APPLICATION NUMBER: US/09/197,008
CURRENT FILING DATE: 1998-11-20
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 11
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-197-008-11

Query Match 0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 825 TGAGCAATTGCTATCA 841
|||||
DB 17 TGAGCAGATTGCATCA 1

RESULT 130
US-09-358-381-31
Sequence 31, Application US/09358381
Patent No. 6020199
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF PTEN EXPRESSION
FILE REFERENCE: RTS-0079
CURRENT APPLICATION NUMBER: US/09/358,381
CURRENT FILING DATE: 1999-07-21
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 31
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-358-381-31

Query Match 0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 369 TGAAGACTGTCTTACC 385
|||||
DB 1 TGAAGAATGTAITACC 17

RESULT 131
US-08-757-024-765
Sequence 765, Application US/08757024
Patent No. 6025339
GENERAL INFORMATION:
APPLICANT: NVce, Jonathan W.
TITLE OF INVENTION: METHOD OF TREATMENT FOR ASTHMA
NUMBER OF SEQUENCES: 952
CORRESPONDENCE ADDRESS:
ADDRESSEE: BELL, SELTZER, PARK & GIBSON
STREET: P.O. Drawer 34009
CITY: Charlotte
STATE: No. 6025339th Carolina
COUNTRY: USA
ZIP: 28234
COMPUTER READABLE FORM: disk
MEDIUM TYPE: Floppy
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/757,024
FILING DATE: 26-NOV-1996
CLASSIFICATION: 514

```
ATTORNEY/AGENT INFORMATION:
; NAME: Sibley, Kenneth D.
; REGISTRATION NUMBER: 31,665
; REFERENCE/DOCKET NUMBER: 5218-41
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919-881-3140
; TELEFAX: 919-881-3175
; TELEX: 575102
; INFORMATION FOR SEQ ID NO: 765:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-757-024-765

Query Match          0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 70 GCGGCTGGGGGCACA 86
      ||||| ||||| |||||
Db 2 GCGGCTGGGGGCACA 18

RESULT 132
US-08-757-024-781
; Sequence 781, Application US/08757024
; Patent No. 6025339
; GENERAL INFORMATION:
; APPLICANT: Nyce, Jonathan W.
; TITLE OF INVENTION: METHOD OF TREATMENT FOR ASTHMA
; NUMBER OF SEQUENCES: 952
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BELL, SELTZER, PARK & GIBSON
; STREET: P.O. Drawer 34009
; CITY: Charlotte
; STATE: No. 6025339th Carolina
; COUNTRY: USA
; ZIP: 28234
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/757,024
; FILING DATE: 26-NOV-1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Sibley, Kenneth D.
; REGISTRATION NUMBER: 31,665
; REFERENCE/DOCKET NUMBER: 5218-41
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919-881-3140
; TELEFAX: 919-881-3175
; TELEX: 575102
; INFORMATION FOR SEQ ID NO: 781:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-757-024-781

Query Match          0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 70 GCGGCTGGGGGCACA 86
      ||||| ||||| |||||
```

```
Db 1 GCGGCTGGGGGCACA 17

RESULT 133
US-09-577-902-31
; Sequence 31, Application US/09577902
; Patent No. 6284538
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowseurt
; APPLICANT: Robert McKay
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTEN EXPRESSION
; FILE REFERENCE: ISPH-0463
; CURRENT APPLICATION NUMBER: US/09/577,902
; CURRENT FILING DATE: 2000-05-24
; PRIOR APPLICATION NUMBER: US 09/358,381
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: PCT/US99/29594,
; PRIOR FILING DATE: 1999-12-14
; NUMBER OF SEQ ID NOS: 51
; SEQ ID NO 31
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-577-902-31

Query Match          0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 369 TGAGACTGTCTTACC 385
      ||||| ||||| |||||
Db 1 TGAGACTGTATTACC 17

RESULT 134
US-09-117-525-13
; Sequence 13, Application US/09117525
; Patent No. 6294329
; GENERAL INFORMATION:
; APPLICANT: Max Planck Gesellschaft zur Forderung der Wissenssch
; TITLE OF INVENTION: Use of Primers for Universal Fingerprint Analysis
; FILE REFERENCE: Rohde et al
; CURRENT APPLICATION NUMBER: US/09/117,525
; CURRENT FILING DATE: 1998-11-02
; EARLIER APPLICATION NUMBER: PCT/EP97/00442
; EARLIER FILING DATE: 1997-01-31
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 13
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer that
; OTHER INFORMATION: hybridizes to copia-like sequences
US-09-117-525-13

Query Match          0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1171 CTCCTGTGGAAGTCCTA 1187
      ||||| ||||| |||||
Db 1 CTCCTGTGGAAGTCCTA 17

RESULT 135
US-09-422-978-8586/c
; Sequence 8586, Application US/09422978
; Patent No. 6537751
```

/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marta
/ APPLICANT: Chumakov, Ilya
/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
/ FILE REFERENCE: GENSET-020CPI
/ CURRENT APPLICATION NUMBER: US/09/422,978
/ CURRENT FILING DATE: 1999-10-20
/ EARLIER APPLICATION NUMBER: US 09/298,850
/ EARLIER FILING DATE: 1999-04-21
/ EARLIER APPLICATION NUMBER: US 60/109,732
/ EARLIER FILING DATE: 1998-11-23
/ EARLIER APPLICATION NUMBER: US 60/082,614
/ EARLIER FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 8586
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..18
/ OTHER INFORMATION: downstream amplification primer 99-16842 for SEQ 721, in compleme
US-09-422-978-8586

Query Match 0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1214 TGATTCGAGACCTCT 1230
Db 17 TGATTCCTGAAGCTCT 1

RESULT 136
US-08-801-898A-3/c
/ Sequence 3, Application US/08801898A
/ Patent No. 5998602
/ GENERAL INFORMATION:
/ APPLICANT: Torrence, Paul F.
/ APPLICANT: Silverman, Robert H.
/ APPLICANT: Cirino, Nick M.
/ APPLICANT: Li, Guiying
/ APPLICANT: Xiao, Wei
/ TITLE OF INVENTION: RNASE L ACTIVATORS AND ANTISENSE
/ TITLE OF INVENTION: OLIGONUCLEOTIDES EFFECTIVE TO TREAT RSV INFECTIONS
/ NUMBER OF SEQUENCES: 29
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Pennie & Edmonds LLP
/ STREET: 1155 Avenue of the Americas
/ CITY: New York
/ STATE: NY
/ COUNTRY: U.S.A.
/ ZIP: 10036
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: DOS
/ SOFTWARE: FastSeq Version 2.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/801,898A
/ FILING DATE: 18-FEB-1997
/ CLASSIFICATION: 514
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Poissant, Brian M.
/ REGISTRATION NUMBER: 28,462
/ REFERENCE/DOCKET NUMBER: 8656-009
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 212-790-9090
/ TELEFAX: 212-869-9741
/ TELEX: 66141 PENNIE
/ INFORMATION FOR SEQ ID NO: 3:
/ SEQUENCE CHARACTERISTICS:

/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ FEATURE:
/ NAME/KEY: GAPDH (
/ LOCATION: 1..19
/ OTHER INFORMATION:
US-08-801-898A-3

Query Match 0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1510 AAGATGGTGATGAATT 1526
Db 18 AAGATGGTGATGGATT 2

RESULT 137
US-08-757-024-747
/ Sequence 747, Application US/08757024
/ Patent No. 6025339
/ GENERAL INFORMATION:
/ APPLICANT: NYCE, Jonathan W.
/ TITLE OF INVENTION: METHOD OF TREATMENT FOR ASTHMA
/ NUMBER OF SEQUENCES: 952
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: BELL, SELTZER, PARK & GIBSON
/ STREET: P.O. Drawer 34009
/ CITY: Charlotte
/ STATE: No. 6025339th Carolina
/ COUNTRY: USA
/ ZIP: 28234
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/757,024
/ FILING DATE: 26-NOV-1996
/ CLASSIFICATION: 514
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Sibley, Kenneth D.
/ REGISTRATION NUMBER: 31,665
/ REFERENCE/DOCKET NUMBER: 5218-41
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 919-881-3140
/ TELEFAX: 919-881-3175
/ TELEX: 575102
/ INFORMATION FOR SEQ ID NO: 747:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
US-08-757-024-747

Query Match 0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 70 GCGGCTTGGGGGCACA 86
Db 3 GCGGCATGGCGGCACA 19

RESULT 138
US-08-757-024-764
/ Sequence 764, Application US/08757024


```
/ Patent No. 6025339
/ GENERAL INFORMATION:
/ APPLICANT: NYCE, Jonathan W.
/ TITLE OF INVENTION: METHOD OF TREATMENT FOR ASTHMA
/ NUMBER OF SEQUENCES: 952
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: BELL, SELTZER, PARK & GIBSON
/ STREET: P.O. Drawer 34009
/ CITY: Charlotte
/ STATE: No. 6025339th Carolina
/ COUNTRY: USA
/ ZIP: 28234
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/757,024
/ FILING DATE: 26-NOV-1996
/ CLASSIFICATION: 514
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Sibley, Kenneth D.
/ REGISTRATION NUMBER: 31,665
/ REFERENCE/DOCKET NUMBER: 5218-41
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 919-881-3140
/ TELEFAX: 919-881-3175
/ TELEX: 575102
/ INFORMATION FOR SEQ ID NO: 764:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ US-08-757-024-764

Query Match 0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 70 GCGGCTTGGGGGCACA 86
Db 2 GCGGCATGCGGGCACA 18

RESULT 139
US-08-757-024-780
/ Sequence 780, Application US/08757024
/ Patent No. 6025339
/ GENERAL INFORMATION:
/ APPLICANT: NYCE, Jonathan W.
/ TITLE OF INVENTION: METHOD OF TREATMENT FOR ASTHMA
/ NUMBER OF SEQUENCES: 952
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: BELL, SELTZER, PARK & GIBSON
/ STREET: P.O. Drawer 34009
/ CITY: Charlotte
/ STATE: No. 6025339th Carolina
/ COUNTRY: USA
/ ZIP: 28234
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/757,024
/ FILING DATE: 26-NOV-1996
/ CLASSIFICATION: 514
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Sibley, Kenneth D.
```

```
/ REGISTRATION NUMBER: 31,665
/ REFERENCE/DOCKET NUMBER: 5218-41
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 919-881-3140
/ TELEFAX: 919-881-3175
/ TELEX: 575102
/ INFORMATION FOR SEQ ID NO: 780:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ US-08-757-024-780

Query Match 0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 70 GCGGCTTGGGGGCACA 86
Db 1 GCGGCATGCGGGCACA 17

RESULT 140
US-09-522-800-10
/ Sequence 10, Application US/09522800
/ Patent No. 6211164
/ GENERAL INFORMATION:
/ APPLICANT: Abbott Laboratories
/ APPLICANT: Lan, Yuo
/ APPLICANT: Giranda, Vincent L.
/ APPLICANT: Rockow-Magnone, Shayna K.
/ TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES OF THE HUMAN
/ TITLE OF INVENTION: CHK1 GENE AND USES THEREOF
/ FILE REFERENCE: 6675 US 01
/ CURRENT APPLICATION NUMBER: US/09/522,800
/ CURRENT FILING DATE: 2000-03-10
/ NUMBER OF SEQ ID NOS: 17
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 10
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: CHK1-ase
/ US-09-522-800-10

Query Match 0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 47.1%; Pred. No. 1.2e+02;
Matches 8; Conservative 7; Mismatches 2; Indels 0; Gaps 0;

QY 931 ATGAATTTCTATCTCT 947
Db 1 AUGAAUUCUCUCUCUCU 17

RESULT 141
US-08-962-690-3/c
/ Sequence 3, Application US/08962690
/ Patent No. 6214805
/ GENERAL INFORMATION:
/ APPLICANT: Torrence, Paul F.
/ APPLICANT: Silverman, Robert H.
/ APPLICANT: Cirino, Nick M.
/ APPLICANT: Li, Guiying
/ APPLICANT: Xiao, Wei
/ APPLICANT: Player, Mark R.
/ TITLE OF INVENTION: RNASE L ACTIVATORS AND ANTISENSE OLIGONUCLEOTIDES
/ TITLE OF INVENTION: EFFECTIVE TO TREAT RSV INFECTIONS
/ FILE REFERENCE: 8656-019
/ CURRENT APPLICATION NUMBER: US/08/962,690
/ CURRENT FILING DATE: 1997-11-03
```

APPLICANT: JAVVIS, Male
APPLICANT: McSwiggen, James

;/ TITLE OF INVENTION: METHOD AND REAGENT FOR THE
;/ TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
;/ TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
;/ NUMBER OF SEQUENCES: 2751
;/ CORRESPONDENCE ADDRESS:
;/ ADDRESSEE: Lyon & Lyon
;/ STREET: 633 West Fifth Street
;/ STREET: Suite 4700
;/ CITY: Los Angeles
;/ STATE: California
;/ COUNTRY: U.S.A.
;/ ZIP: 90071
;/ COMPUTER READABLE FORM:
;/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;/ MEDIUM TYPE: Storage
;/ COMPUTER: IBM Compatible
;/ OPERATING SYSTEM: IBM P.C. DOS 5.0
;/ SOFTWARE: FastSeq Version 1.5
;/ CURRENT APPLICATION DATA:
;/ APPLICATION NUMBER: US/09/038, 073
;/ FILING DATE:
;/ PRIOR APPLICATION DATA:
;/ APPLICATION NUMBER: 08/585,684
;/ FILING DATE:
;/ ATTORNEY/AGENT INFORMATION:
;/ NAME: Warburg, Richard
;/ REGISTRATION NUMBER: 32,327
;/ REFERENCE/DOCKET NUMBER: 218/078
;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: (213) 489-1600
;/ TELEFAX: (213) 955-0440
;/ TELEX: 67-3510
;/ INFORMATION FOR SEQ ID NO: 93:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 15 base pairs
;/ TYPE: nucleic acid
;/ STRANDEDNESS: single
;/ TOPOLOGY: linear
;/ US-09-038-073-93

Query Match 0.8%; Score 13.4; DB 1; Length 15;
Best Local Similarity 53.3%; Pred. No. 92;
Matches 8; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

Qy 781 CTCACCTTCGTTCTG 795
Db 1 CUCACUCUGUUCAG 15
RESULT 145
US-08-166-664-15/c
; Sequence 15, Application US/08166664
; Patent No. 5646020
; GENERAL INFORMATION:
; APPLICANT: James A. McSwiggen
; APPLICANT: J. Anthony Mamore
; TITLE OF INVENTION: HAMMERHEAD RIBOZYMES FOR
; TITLE OF INVENTION: PREFERRED TARGETS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90017
;/ COMPUTER READABLE FORM:
;/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
;/ COMPUTER: IBM Compatible
;/ OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
;/ SOFTWARE: WordPerfect (Version 5.1)
;/ CURRENT APPLICATION DATA:
;/ APPLICATION NUMBER: US/08/166,664

;/ FILING DATE:
;/ CLASSIFICATION: 435
;/ PRIOR APPLICATION DATA:
;/ APPLICATION NUMBER: US/07/884, 074
;/ FILING DATE:
;/ ATTORNEY/AGENT INFORMATION:
;/ NAME: Warburg, Richard J.
;/ REGISTRATION NUMBER: 32,327
;/ REFERENCE/DOCKET NUMBER: 197/062
;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: (213) 489-1600
;/ TELEFAX: (213) 955-0440
;/ TELEX: 67-3510
;/ INFORMATION FOR SEQ ID NO: 15:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 16
;/ TYPE: nucleic acid
;/ STRANDEDNESS: single
;/ TOPOLOGY: linear
;/ US-08-166-664-15

Query Match 0.8%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 101 CTGTGTTGGACACCG 115
Db 16 CTGTGTTGGACACCG 2

RESULT 147
US-08-985-090-22/c
; Sequence 22, Application US/08985090
; Patent No. 5885893
; GENERAL INFORMATION:
; APPLICANT: Andrew D.J. Goodearl
; TITLE OF INVENTION: MUSCARINIC RECEPTORS AND USES THEREFOR
; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
;/ COMPUTER READABLE FORM:
;/ MEDIUM TYPE: Floppy disk
;/ COMPUTER: IBM PC compatible
;/ OPERATING SYSTEM: PC-DOS/MS-DOS
;/ SOFTWARE: PatentIn Release #1.0, Version #1.25
;/ CURRENT APPLICATION DATA:
;/ APPLICATION NUMBER: US/08/985,090
;/ FILING DATE:
;/ PRIOR APPLICATION DATA:
;/ APPLICATION NUMBER:
;/ FILING DATE:
;/ ATTORNEY/AGENT INFORMATION:
;/ NAME: Jean M. Silveri
;/ REGISTRATION NUMBER: 39,030
;/ REFERENCE/DOCKET NUMBER: MNI-032
;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: (617)227-7400
;/ TELEFAX: (617)742-4214
;/ INFORMATION FOR SEQ ID NO: 22:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 17 base pairs
;/ TYPE: nucleic acid
;/ STRANDEDNESS: single
;/ TOPOLOGY: linear
;/ MOLECULE TYPE: cDNA
;/ US-08-985-090-22

Query Match 0.8%; Score 13.4; DB 1; Length 17;

Best Local Similarity 93.3%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 765 TGAGAGTGGCGTGGC 779
Db 17 TGAGAGGCGGTGGC 3

RESULT 148

US-09-165-543-23/c
; Sequence 23, Application US/09165543
; Patent No. 6093545
; GENERAL INFORMATION:
; APPLICANT: Andrew D.J. Goodearl and Sandra Glucksmann
; TITLE OF INVENTION: Muscarinic Receptors and Uses Therefor
; NUMBER OF SEQUENCES: 39
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/165,543
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/042,780
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Elizabeth A. Hanley
; REGISTRATION NUMBER: 33,505
; REFERENCE/DOCKET NUMBER: MNI-032CP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)742-4214
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-09-165-543-23

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 765 TGAGAGTGGCGTGGC 779
Db 17 TGAGAGGCGGTGGC 3

RESULT 149

US-08-584-040-7797
; Sequence 7797, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Favco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL

; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7797:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-7797

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 46.7%; Pred. No. 1.2e+02;
Matches 7; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY 1363 TACATGTATGAGTTT 1377
Db 2 UACAUCUAGAGUUU 16

RESULT 150

US-09-371-772B-3581
; Sequence 3581, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Favco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3581
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.

ATTORNEY/AGENT INFORMATION:
NAME: Pitcher, Edmund R.
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 248-7000
TELEFAX: (617) 248-7100
INFORMATION FOR SEQ ID NO: 177:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
US-09-124-698-177

Query Match 0.8%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 436 ATGGTGTGCATCCAC 450
Db 3 ATGGTGTGCATCCAC 17

RESULT 154
US-09-127-480-177
Sequence 177, Application US/09127480
Patent No. 6194153
GENERAL INFORMATION:
APPLICANT: ST. GEORGE-HYSLOP, PETER H
APPLICANT: ROMMENS, JOHANNA M
APPLICANT: FRASER, PAUL E
TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
TO ALZHEIMER'S DISEASE
NUMBER OF SEQUENCES: 183

CORRESPONDENCE ADDRESS:
ADDRESSEE: TESTA, HURWITZ & THIBEAULT
STREET: High Street Tower - 125 High Street
CITY: Boston
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02110

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA: /US/09/127,480

FILING DATE:
PRIOR APPLICATION DATA:
CLASSIFICATION:
APPLICATION NUMBER: US/08/592,541
FILING DATE:

ATTORNEY/AGENT INFORMATION:
NAME: Pitcher, Edmund R.
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 248-7000
TELEFAX: (617) 248-7100
INFORMATION FOR SEQ ID NO: 177:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
US-09-127-480-177

Query Match 0.8%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 436 ATGGTGTGCATCCAC 450
Db 3 ATGGTGTGCATCCAC 17

RESULT 155
US-09-522-217-17/c
Sequence 17, Application US/09522217
Patent No. 6307024
GENERAL INFORMATION:
APPLICANT: No. 6307024ak, Julia E.
APPLICANT: Presnell, Scott R.
APPLICANT: Sprecher, Cindy A.
APPLICANT: Foster, Donald C.
APPLICANT: Holly, Richard D.
APPLICANT: Gross, Jane A.
APPLICANT: Johnston, Janet V.
APPLICANT: Nelson, Andrew J.
APPLICANT: Dillon, Stacey R.
APPLICANT: Hammond, Angela K.
TITLE OF INVENTION: NOVEL CYTOKINE ZALPHAIL LIGAND
FILE REFERENCE: 99-16
CURRENT APPLICATION NUMBER: US/09/522,217
CURRENT FILING DATE: 2000-03-09
EARLIER APPLICATION NUMBER: US 60/123,547
EARLIER FILING DATE: 1999-03-09
EARLIER APPLICATION NUMBER: US 60/123,904
EARLIER FILING DATE: 1999-03-11
EARLIER APPLICATION NUMBER: US 60/142,013
EARLIER FILING DATE: 1999-07-01
NUMBER OF SEQ ID NOS: 115
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 17
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer ZC7736
US-09-522-217-17

Query Match 0.8%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 758 CCATTTCGACAGTG 772
Db 15 CCATTTCGACAGTG 1

RESULT 156
US-09-124-523-177
Sequence 177, Application US/09124523
Patent No. 6395960
GENERAL INFORMATION:
APPLICANT: ST. GEORGE-HYSLOP, PETER H
APPLICANT: ROMMENS, JOHANNA M
APPLICANT: FRASER, PAUL E
TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
TO ALZHEIMER'S DISEASE
NUMBER OF SEQUENCES: 183
CORRESPONDENCE ADDRESS:
ADDRESSEE: TESTA, HURWITZ & THIBEAULT
STREET: High Street Tower - 125 High Street
CITY: Boston
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/124,523
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/592,541
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Pitcher, Edmund R.
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 248-7000
TELEFAX: (617) 248-7100
INFORMATION FOR SEQ ID NO: 177:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
US-09-124-523-177

Query Match 0.8%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 436 ATGGTGGATCCAC 450
Db 3 ATGGTGGATCCAC 17

RESULT 157
US-09-167-109-95
Sequence 95, Application US/09167109
Patent No 6399297
GENERAL INFORMATION:
APPLICANT: Baker, Brenda F.
APPLICANT: Cowsert, Lex M.
APPLICANT: Moria, Brett P.
APPLICANT: Xu, Xiaoxing S.
TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION
FILE REFERENCE: ISPH-0321
CURRENT APPLICATION NUMBER: US/09/167,109
CURRENT FILING DATE: 1998-10-06
NUMBER OF SEQ ID NOS: 228
SEQ ID NO 95
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: antisense sequence
US-09-167-109-95

Query Match 0.8%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 63 TGCTTCGCGGTTG 77
Db 1 TGCTTCGCGGTTG 15

RESULT 158
US-09-636-796A-177
Sequence 177, Application US/09636796A
Patent No. 6485911
GENERAL INFORMATION:
APPLICANT: ST. GEORGE-HYSLOP, PETER H
APPLICANT: ROWMENS, JOHANNA M
PRASER, PAUL E
TITLE OF INVENTION: GENETIC SEQUENCES AND PROTEINS RELATED
NUMBER OF SEQUENCES: 183
CORRESPONDENCE ADDRESS:

ADDRESSEE: TESTA, HURWITZ & THIBEAULT
STREET: High Street Tower - 125 High Street
CITY: Boston
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/636,796A
FILING DATE: 11-Aug-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/592,541
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Pitcher, Edmund R.
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 248-7000
TELEFAX: (617) 248-7100
INFORMATION FOR SEQ ID NO: 177:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
SEQUENCE DESCRIPTION: SEQ ID NO: 177:
US-09-636-796A-177

Query Match 0.8%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 436 ATGGTGGATCCAC 450
Db 3 ATGGTGGATCCAC 17

RESULT 159
US-09-920-760-88
Sequence 88, Application US/09920760
Patent No. 6492173
GENERAL INFORMATION:
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN D2 EXPRESSION
FILE REFERENCE: RTS-0275
CURRENT APPLICATION NUMBER: US/09/920,760
CURRENT FILING DATE: 2001-08-01
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 88
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-760-88

Query Match 0.8%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1589 ACAACACAGAGAG 1603
Db 2 ACAACACAGAGAG 16

RESULT 160
US-09-422-978-4504

```
; Sequence 4504, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4504
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-1549 for SEQ 570,
US-09-422-978-4504

Query Match      0.8%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      800 AGAAGGTGATGTCA 814
Db      3 AGAAGGTGATGTCA 17

RESULT 161
US-09-422-978-5288
; Sequence 5288, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5288
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-23228 for SEQ 1354,
US-09-422-978-5288

Query Match      0.8%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1225 GCCACTGGAATAC 1239
Db      1 GCCACTGGAATAC 15
```

```
RESULT 162
US-09-404-641-34/c
; Sequence 34, Application US/09404641
; Patent No. 6576744
; GENERAL INFORMATION:
; APPLICANT: Presnell, Scott R.
; APPLICANT: Conklin, Darrell C.
; APPLICANT: No. 6576744ak, Julia E.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: CYTOKINE RECEPTOR ZAPLHALL
; FILE REFERENCE: 98-55
; CURRENT APPLICATION NUMBER: US/09/404,641
; CURRENT FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: US 60/100,896
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: US 60/123,546
; PRIOR FILING DATE: 1999-03-09
; PRIOR APPLICATION NUMBER: US 60/142,574
; PRIOR FILING DATE: 1999-07-06
; NUMBER OF SEQ ID NOS: 91
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 34
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7736
US-09-404-641-34

Query Match      0.8%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      758 CCATTTCGAGATG 772
Db      15 CCATTTCGAGATG 1

RESULT 163
US-08-310-356-17/c
; Sequence 17, Application US/08310356
; Patent No. 5648243
; GENERAL INFORMATION:
; APPLICANT: Hurwitz, David R.
; APPLICANT: Nathan, Margret
; APPLICANT: Shani, Moshe
; TITLE OF INVENTION: Transgenic Protein Production
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rhone-Poulenc Rorer Legal Department
; STREET: 500 Arcola Road
; CITY: Collegeville
; STATE: PA
; COUNTRY: USA
; ZIP: 19426
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: Macintosh
; OPERATING SYSTEM: Macintosh System 7.0
; SOFTWARE: Microsoft Word Version 5.0 (Patentin)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/310,356
; FILING DATE:
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/737,853
; FILING DATE: 31-JUL-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Goodman, Rosanne
; REGISTRATION NUMBER: 32,534
; REFERENCE/DOCKET NUMBER: A0856
; TELECOMMUNICATION INFORMATION:
```


; TELEPHONE: (215) 454-3817
; TELEFAX: (215) 454-3808
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-310-356-17

Query Match 0.8%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 716 TTCTGTGTTTGTCTC 730
Db 17 TTCTGTGTTTGTCTC 3

RESULT 164
US-08-690-734A-61
; Sequence 61, Application US/08690734A
; Patent No. 5871920
; GENERAL INFORMATION:
; APPLICANT: Page, David C.
; APPLICANT: Reijo, Renee
; TITLE OF INVENTION: DAZ: A GENE ASSOCIATED WITH AZOOSPERMIA
; NUMBER OF SEQUENCES: 96
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: Massachusetts
; COUNTRY: US
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/690,734A
; FILING DATE: 31-JUL-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/310,429
; FILING DATE: 22-SEP-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Granahan, Patricia
; REGISTRATION NUMBER: 32,227
; REFERENCE/DOCKET NUMBER: WH194-07A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 861-6240
; TELEFAX: (617) 861-9540
; INFORMATION FOR SEQ ID NO: 61:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-690-734A-61

Query Match 0.8%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1022 CACCTGAAGAGCTTC 1036
Db 2 CACCTGAAGAGCTGC 16

RESULT 165
US-08-742-185-61

; Sequence 61, Application US/08742185
; Patent No. 6020476
; GENERAL INFORMATION:
; APPLICANT: Page, David C.
; APPLICANT: Reijo, Renee
; APPLICANT: Saxena, Richa
; APPLICANT: Hawkins, Trevor
; APPLICANT: Reeve, Mary Pat
; TITLE OF INVENTION: DAZ: A GENE FAMILY ASSOCIATED WITH AZOOSPERMIA
; NUMBER OF SEQUENCES: 102
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: Massachusetts
; COUNTRY: US
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/742,185
; FILING DATE: 30-OCT-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/690,734
; FILING DATE: 31-JUL-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/310,429
; FILING DATE: 22-SEP-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Granahan, Patricia
; REGISTRATION NUMBER: 32,227
; REFERENCE/DOCKET NUMBER: WH194-07A2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 861-6240
; TELEFAX: (617) 861-9540
; INFORMATION FOR SEQ ID NO: 61:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-742-185-61

Query Match 0.8%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1022 CACCTGAAGAGCTTC 1036
Db 2 CACCTGAAGAGCTGC 16

RESULT 166
US-08-474-542A-127/c
; Sequence 127, Application US/08474542A
; Patent No. 5527898
; GENERAL INFORMATION:
; APPLICANT: Bauer, Heidi M.
; APPLICANT: Gravitt, Patti E.
; APPLICANT: Greer, Catherine E.
; APPLICANT: Imprim, Chaka C.
; APPLICANT: Manos, M. Michele
; APPLICANT: Resnick, Robert M.
; TITLE OF INVENTION: Detection of Human Papillomavirus by the
; TITLE OF INVENTION: Polymerase Chain Reaction
; NUMBER OF SEQUENCES: 298
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street

CITY: Nutley
STATE: New Jersey
COUNTRY: U.S.A.
ZIP: 07110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/474,542A
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Petry, Douglas A.
REGISTRATION NUMBER: 35,321
REFERENCE/DOCKET NUMBER: 9234
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2974
TELEFAX: (510) 814-2977
INFORMATION FOR SEQ ID NO: 127:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-474-542A-127

Query Match 0.8%; Score 13.2; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 1.3e+02;
Matches 12; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1310 GTGTCCTCATCTGTG 1323
DB 15 GTGYCCCATCTGYG 2

RESULT 167
US-08-457-648-127/c
Sequence 127, Application US/08457648
Patent No. 5639871
GENERAL INFORMATION:
APPLICANT: Bauer, Heidi M.
APPLICANT: Gravit, Patti E.
APPLICANT: Greer, Catherine E.
APPLICANT: Imprim, Chaka C.
APPLICANT: Maros, M. Michele
APPLICANT: Resnick, Robert M.
TITLE OF INVENTION: Detection of Human Papillomavirus by the
TITLE OF INVENTION: Polymerase Chain Reaction
NUMBER OF SEQUENCES: 298
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoffmann-La Roche Inc.
STREET: 340 Kingsland Street
CITY: Nutley
STATE: New Jersey
COUNTRY: U.S.A.
ZIP: 07110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/457,648
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Petry, Douglas A.
REGISTRATION NUMBER: 35,321
REFERENCE/DOCKET NUMBER: 9205
TELECOMMUNICATION INFORMATION:

TELEPHONE: (510) 814-2974
TELEFAX: (510) 814-2977
INFORMATION FOR SEQ ID NO: 127:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-457-648-127

Query Match 0.8%; Score 13.2; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 1.3e+02;
Matches 12; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1310 GTGTCCTCATCTGTG 1323
DB 15 GTGYCCCATCTGYG 2

RESULT 168
US-08-379-081B-226/c
Sequence 226, Application US/08379081B
Patent No. 5580971
GENERAL INFORMATION:
APPLICANT: MITSUHASHI, MASATO
TITLE OF INVENTION: FUNGAL DETECTION SYSTEM
NUMBER OF SEQUENCES: 407
CORRESPONDENCE ADDRESS:
ADDRESSEE: KNOBBE, MARTENS, OLSON AND BEAR
STREET: 620 NEWPORT CENTER DRIVE
CITY: NEWPORT BEACH
STATE: CA
COUNTRY: USA
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/379,081B
FILING DATE:
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: ALTMAN, DANIEL E.
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: HITACHI.011A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
TELEFAX: 714-760-9502
INFORMATION FOR SEQ ID NO: 226:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA to rRNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Candida albicans
IMMEDIATE SOURCE:
CLONE: YSASRSUA
US-08-379-081B-226

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 622 CTCGCTGGGTCAGAC 639
DB 18 CTCGCTGGGTCAGAAC 1

RESULT 169
US-08-379-081B-236/c
; Sequence 236, Application US/08379081B
; Patent No. 5580971
; GENERAL INFORMATION:
; APPLICANT: MITSUHASHI, MASATO
; TITLE OF INVENTION: FUNGAL DETECTION SYSTEM
; NUMBER OF SEQUENCES: 407
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: KNOBBE, MARTENS, OLSON AND BEAR
; STREET: 620 NEWPORT CENTER DRIVE
; CITY: NEWPORT BEACH
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/379,081B
; FILING DATE:
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: ALTMAN, DANIEL E.
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: HITACHI.011A
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 236:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA to rRNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Candida parapsilosis
; IMMEDIATE SOURCE:
; CLONE: YSARSUF
US-08-379-081B-236

Query Match 0.88; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 622 CTCGGCTGGTCCAGGAC 639
Db 18 CTCGGCTGGTCCAGAAC 1

RESULT 170
US-08-379-078-226/c
; Sequence 226, Application US/08379078
; Patent No. 5639612
; GENERAL INFORMATION:
; APPLICANT: Mitsuhashi, Masato
; APPLICANT: Cooper, Allan
; TITLE OF INVENTION: Gene Detection System
; NUMBER OF SEQUENCES: 726
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: KNOBBE, MARTENS, OLSON AND BEAR
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/379,078
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/974,406
; FILING DATE: 12-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E.
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: HITACHI.011CP2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 226:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA to rRNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Candida albicans
; IMMEDIATE SOURCE:
; CLONE: YSARSUA
US-08-379-078-226

Query Match 0.88; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 622 CTCGGCTGGTCCAGGAC 639
Db 18 CTCGGCTGGTCCAGAAC 1

RESULT 171
US-08-379-078-236/c
; Sequence 236, Application US/08379078
; Patent No. 5639612
; GENERAL INFORMATION:
; APPLICANT: Mitsuhashi, Masato
; APPLICANT: Cooper, Allan
; TITLE OF INVENTION: Gene Detection System
; NUMBER OF SEQUENCES: 726
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: KNOBBE, MARTENS, OLSON AND BEAR
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/379,078
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/974,406
; FILING DATE: 12-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E.

REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: HITACHI.011CP2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
TELEFAX: 714-760-9502
INFORMATION FOR SEQ ID NO: 236:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA to rRNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Candida parapsilosis
IMMEDIATE SOURCE:
CLONE: YSARSUF
US-08-379-078-236

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 622 CTCGCTGGTCCAGAC 639
DB 18 CTCGCTGGTCCAGAC 1

RESULT 172
US-08-197-790A-1
Sequence 1, Application US/08197790A
Patent No. 5718883
GENERAL INFORMATION:
APPLICANT: David M. Harlan
APPLICANT: Carl H. June
TITLE OF INVENTION: TRANSGENIC ANIMAL MODEL FOR
TITLE OF INVENTION: AUTOIMMUNE DISEASES
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Labive & Cockfield
STREET: 60 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02109

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM PS/2 Model 50Z or 55SX
OPERATING SYSTEM: MS-DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/197,790A
FILING DATE:
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/048,042
FILING DATE: 04/14/93
ATTORNEY/AGENT INFORMATION:
NAME: Amy E. Mandragoras
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: RPI-006CP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 227-2700
TELEFAX: (617) 227-5941
TELEX:

INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-197-790A-1

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1375 TTTCAGTACGTCACAGC 1392
DB 1 TTTCAGCACCGTGCTAGC 18

RESULT 173
US-08-311-486C-1080/c
Sequence 1080, Application US/08311486C
Patent No. 5811300
GENERAL INFORMATION:
APPLICANT: Sean Sullivan
APPLICANT: Kenneth Draper
APPLICANT: Kevin Kisich
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwigen
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: TNF-
NUMBER OF SEQUENCES: 1157
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,486C
FILING DATE: September 23, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/166
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 953-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1080:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-311-486C-1080

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1015 CTCGAAACACCTGAGAG 1032
DB 18 CTCGAAACATCTGGAGAG 1

RESULT 174
US-08-468-580-35
; Sequence 35, Application US/08468580
; Patent No. 5824642
; GENERAL INFORMATION:
; APPLICANT: Attie, Kenneth
; APPLICANT: Carlsson, Lena
; APPLICANT: Gesundheit, Neil
; APPLICANT: Goddard, Audrey
; TITLE OF INVENTION: Treatment of Partial Growth Hormone Insensitivity Syndrome
; NUMBER OF SEQUENCES: 57
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: patin (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/468,580
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/410452
; FILING DATE: 24-MAR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/224982
; FILING DATE: 07-APR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Hasak, Janet E.
; REGISTRATION NUMBER: 28,616
; REFERENCE/DOCKET NUMBER: P0884PIC2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-1896
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-468-580-35
; Query Match 0.8%; Score 13.2; DB 1; Length 18;
; Best Local Similarity 83.3%; Pred. No. 1.5e+02;
; Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1473 AAAGAGGGTGCTCAGA 1490
DB 1 ACATGAGGTACCTCAGA 18
RESULT 175
US-08-696-497B-2/c
; Sequence 2, Application US/08696497B
; Patent No. 6007231
; GENERAL INFORMATION:
; APPLICANT: Vijg, Jan and Bishop, Robert
; TITLE OF INVENTION: Method of Computer Aided
; TITLE OF INVENTION: Diagnostic DNA Test Design, and Apparatus Therefor
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rines & Rines
; STREET: 81 No. 6007231th State Street
; CITY: Concord

STATE: NH
COUNTRY: USA
ZIP: 03301
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch
COMPUTER: IBM PC
OPERATING SYSTEM: MS-DOS
SOFTWARE: Microsoft No. 6007231lepad
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/696,497B
FILING DATE: 14-AUG-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA: No. 6007231e
ATTORNEY/AGENT INFORMATION:
NAME: Rines, Robert H.
REGISTRATION NUMBER: 15,932
TELECOMMUNICATION INFORMATION:
TELEPHONE: (603) 228-0121
TELEFAX: (603) 228-0210
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: double stranded
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
HYPOTHETICAL: no
ANTI-SENSE: no
ORIGINAL SOURCE:
ORGANISM: human
IMMEDIATE SOURCE:
LIBRARY: genomic
POSITION IN GENOME:
CHROMOSOME/SEGMENT: 17/p
US-08-696-497B-2
Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 560 TCTTCAGCACAGGGGATG 577
DB 18 TCTTCAGCACATGGGAGG 1
RESULT 176
US-09-106-038A-17/c
; Sequence 17, Application US/09106038A
; Patent No. 6007395
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker and Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Isis Pharmaceuticals, Inc.
; STREET: 2292 Paraday Avenue
; CITY: Carlsbad
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92008
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows NT
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/106,038A
FILING DATE: June 26, 1998
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Laurel Spear Bernstein
REGISTRATION NUMBER: 37,280

REFERENCE/DOCKET NUMBER: RTS-0004
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (760) 931-9200
 TELEFAX: (760) 603-3820
 INFORMATION FOR SEQ ID NO: 17:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 18
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-09-106-038A-17

Query Match 0.8%; Score 13.2; DB 1; Length 18;

Best Local Similarity 83.3%; Pred. No. 1.5e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1570 CTGCCACACTGCCGAG 1587
 ||||| ||||| ||||| |||||
 Db 18 CTGCCACACTGCCGAG 1

RESULT 177

US-09-205-921-12/c
 Sequence 12, Application US/09205921A
 Patent No. 6008048

GENERAL INFORMATION:
 APPLICANT: Brett P. Monia
 APPLICANT: ex M. Cowsett
 TITLE OF INVENTION: ANTISENSE MODULATION OF EGR-1 EXPRESSION
 FILE REFERENCE: RTS-0028
 CURRENT APPLICATION NUMBER: US/09/205,921A
 CURRENT FILING DATE: 1998-12-04
 NUMBER OF SEQ ID NOS: 47
 SEQ ID NO 12
 LENGTH: 18
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Antisense Oligonucleotide
 US-09-205-921-12

Query Match 0.8%; Score 13.2; DB 1; Length 18;

Best Local Similarity 83.3%; Pred. No. 1.5e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1000 GATGGATGCTGCTGCTG 1017
 ||||| ||||| ||||| |||||
 Db 18 GAGGAGATGATGCTGCTG 1

RESULT 178

US-09-357-072-28
 Sequence 28, Application US/09357072
 Patent No. 6015712

GENERAL INFORMATION:
 APPLICANT: Brett P. Monia
 APPLICANT: Brenda F. Baker
 APPLICANT: Hong Zhang
 APPLICANT: Lex M. Cowsett
 TITLE OF INVENTION: ANTISENSE MODULATION OF PADD EXPRESSION
 FILE REFERENCE: RTS-0027
 CURRENT APPLICATION NUMBER: US/09/357,072
 CURRENT FILING DATE: 1999-07-19
 NUMBER OF SEQ ID NOS: 87
 SEQ ID NO 28
 LENGTH: 18
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Antisense Oligonucleotide
 US-09-357-072-28

Query Match 0.8%; Score 13.2; DB 1; Length 18;

Best Local Similarity 83.3%; Pred. No. 1.5e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 778 GCCTCACTCTGTTCTG 795
 ||||| ||||| ||||| |||||
 Db 1 GGCCCACTCTGTTCTG 18

RESULT 179

US-09-289-377-10/c
 Sequence 10, Application US/09289377
 Patent No. 6046321

GENERAL INFORMATION:
 APPLICANT: Lex M. Cowsett
 TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-11 EXPRESSION
 FILE REFERENCE: RTS-0058
 CURRENT APPLICATION NUMBER: US/09/289,377
 CURRENT FILING DATE: 1999-04-09
 NUMBER OF SEQ ID NOS: 47
 SEQ ID NO 10
 LENGTH: 18
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Antisense Oligonucleotide
 US-09-289-377-10

Query Match 0.8%; Score 13.2; DB 1; Length 18;

Best Local Similarity 83.3%; Pred. No. 1.5e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1480 GGTGCCTCAGAGAGGAG 1497
 ||||| ||||| ||||| |||||
 Db 18 GGTATTTCAGAGAGGAG 1

RESULT 180

US-09-344-579-42
 Sequence 42, Application US/09344579
 Patent No. 6054316

GENERAL INFORMATION:
 APPLICANT: Brenda F. Baker
 APPLICANT: Lex M. Cowsett
 TITLE OF INVENTION: ANTISENSE MODULATION OF ETS-2 EXPRESSION
 FILE REFERENCE: RTS-0063
 CURRENT APPLICATION NUMBER: US/09/344,579
 CURRENT FILING DATE: 1999-06-25
 NUMBER OF SEQ ID NOS: 47
 SEQ ID NO 42
 LENGTH: 18
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Antisense Oligonucleotide
 US-09-344-579-42

Query Match 0.8%; Score 13.2; DB 1; Length 18;

Best Local Similarity 83.3%; Pred. No. 1.5e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 171 GGCCATTTCTCTGGGAT 188
 ||||| ||||| ||||| |||||
 Db 1 GGCCATTTCTCTGGACAT 18

RESULT 181

US-09-165-543-24
 Sequence 24, Application US/09165543
 Patent No. 6093545

GENERAL INFORMATION:
 APPLICANT: Andrew D.J. Goodearl and Sandra Glucksmann
 TITLE OF INVENTION: Muscarinic Receptors and Uses Therefor
 NUMBER OF SEQUENCES: 39

```
/
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: LAHIVE & COCKFIELD, LLP
/ STREET: 28 State Street
/ CITY: Boston
/ STATE: Massachusetts
/ COUNTRY: USA
/ ZIP: 02109
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/165,543
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 09/042,780
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Elizabeth A. Hanley
/ REGISTRATION NUMBER: 33,505
/ REFERENCE/DOCKET NUMBER: MNI-032CP
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (617)227-7400
/ TELEFAX: (617)742-4214
/ INFORMATION FOR SEQ ID NO: 24:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cdna
/ US-09-165-543-24

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 237 GCCTGCAGAACCATGGAG 254
DB 1 GCCTGCTGGGCATGGAG 18

RESULT 182
US-08-643-212-57
; Sequence 57, Application US/08643212
; Patent No. 6207640
; GENERAL INFORMATION:
; APPLICANT: Attie, Kenneth
; APPLICANT: Carlsson, Lena
; APPLICANT: Gesundheit, Neil
; APPLICANT: Goddard, Audrey
; TITLE OF INVENTION: Treatment of Partial Growth Hormone
; NUMBER OF SEQUENCES: 79
; CORRESPONDENCE ADDRESS:
; ADDRESSSEE: Flehr, Hobbach, Test Albritton & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: United States
; ZIP: 94111
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/643,212
/ FILING DATE: 03-MAY-1996
/ CLASSIFICATION: 530
/ PRIOR APPLICATION DATA:
```

```
/
/ APPLICATION NUMBER: US 08/224,982
/ FILING DATE: 07-APR-1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Dreger, Walter H.
/ REGISTRATION NUMBER: 24,190
/ REFERENCE/DOCKET NUMBER: A-63292-2
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 781-1989
/ TELEFAX: (415) 398-3249
/ TELEX: 910 277299
/ INFORMATION FOR SEQ ID NO: 57:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ US-08-643-212-57

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1473 AAAAGAGGGTGCCTCAGA 1490
DB 1 ACATGAGGGTACTCAGA 18

RESULT 183
US-09-338-907-390/c
; Sequence 390, Application US/09338907
; Patent No. 6265546
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilya, Chumakov
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: PROSTATE CANCER GENE
; FILE REFERENCE: GENSET.18C1CP
; CURRENT APPLICATION NUMBER: US/09/338,907
; CURRENT FILING DATE: 1999-06-23
; EARLIER APPLICATION NUMBER: 08/996,306
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: 60/099,658
; EARLIER FILING DATE: 1998-09-09
; EARLIER APPLICATION NUMBER: 09/218,207
; EARLIER FILING DATE: 1998-12-22
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 390
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer for SEQ 202, SEQ 279, SEQ 203, SEQ
US-09-338-907-390

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 801 GAAAGGTGATCTCAAGCC 818
DB 18 GAAACGTGAGTCATGCC 1

RESULT 184
US-08-891-292A-78/c
; Sequence 78, Application US/08891292A
; Patent No. 6312892
; GENERAL INFORMATION:
```

; APPLICANT: Barany, Francis
; APPLICANT: Luo, Jianying
; APPLICANT: Khanna, Marilyn
; APPLICANT: Bergstrom, Donald E.
; TITLE OF INVENTION: HIGH FIDELITY DETECTION OF NUCLEIC ACID DIFFERENCES BY
; FILE REFERENCE: 19603/457
; CURRENT APPLICATION NUMBER: US/08/891,292A
; CURRENT FILING DATE: 1997-07-10
; PRIOR APPLICATION NUMBER: 60/022,535
; PRIOR FILING DATE: 1996-07-19
; NUMBER OF SEQ ID NOS: 96
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 78
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer for
; OTHER INFORMATION: PCR or LDR
US-08-891-292A-78

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1512 GATGGTGATGAATTCGTG 1529
DB 18 GATGGTGAGGAGTTCTG 1

RESULT 185
US-09-496-694B-124/c
; Sequence 124, Application US/09496694B
; Patent No. 6335194
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; APPLICANT: Eric E. Swayze
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
; FILE REFERENCE: ISPH-0439
; CURRENT APPLICATION NUMBER: US/09/496,694B
; CURRENT FILING DATE: 2000-02-02
; PRIOR APPLICATION NUMBER: 09/286,407
; PRIOR FILING DATE: 1999-04-05
; PRIOR APPLICATION NUMBER: 09/163,162
; PRIOR FILING DATE: 1998-09-29
; NUMBER OF SEQ ID NOS: 249
; SEQ ID NO 124
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-496-694B-124

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 712 TCTGTTCTTGTTTGTCT 729
DB 18 TGTGCTCTGTTTGTCT 1

RESULT 186
US-09-218-207-390/c
; Sequence 390, Application US/09218207
; Patent No. 6346381
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta

; APPLICANT: Ilya, Chumakov
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: Prostate cancer gene
; FILE REFERENCE: GENSET.018CP1
; CURRENT APPLICATION NUMBER: US/09/218,207
; CURRENT FILING DATE: 1998-12-22
; EARLIER APPLICATION NUMBER: 08/996,306
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: 60/099,658
; EARLIER FILING DATE: 1998-09-09
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 390
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer for SEQ 202, SEQ 279, SEQ 203, SEQ
US-09-218-207-390

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 801 GAAAGGTGATGTCAGCC 818
DB 18 GAAAGGTGAGTCATGCC 1

RESULT 187
US-09-053-831-18
; Sequence 18, Application US/09053831
; Patent No. 6361940
; GENERAL INFORMATION:
; APPLICANT: Van Ness, Jeffrey
; APPLICANT: Tabone, John C.
; APPLICANT: Garrison, Lori K.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR ENHANCING
; TITLE OF INVENTION: HYBRIDIZATION AND PRIMING SPECIFICITY
; NUMBER OF SEQUENCES: 35
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEED and BERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/053,831
; FILING DATE: 01-APR-1998
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Parker, David W.
; REGISTRATION NUMBER: 37,414
; REFERENCE/DOCKET NUMBER: 240052.421C2
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-053-831-18


```
Query Match      0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1075 GGAATTAACAAGCAGGAG 1092
DB 1 GGTATCATCAAGCAGGAG 18

RESULT 188
US-09-422-978-5253
; Sequence 5253, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER FILING DATE: 1999-04-21
; EARLIER FILING DATE: 1999-10-20
; EARLIER FILING DATE: 1998-11-23
; EARLIER FILING DATE: 1998-11-23
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5253
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-22785 for SEQ 1319,
US-09-422-978-5253

Query Match      0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 351 CATTCTCTCAAGCTTTC 368
DB 1 CATTCTCTGACTCTTTC 18

RESULT 189
US-09-422-978-5420
; Sequence 5420, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER FILING DATE: 1999-04-21
; EARLIER FILING DATE: 1999-04-21
; EARLIER FILING DATE: 1998-11-23
; EARLIER FILING DATE: 1998-11-23
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5420
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
```

```
; OTHER INFORMATION: upstream amplification primer 99-25503 for SEQ 1486,
US-09-422-978-5420

Query Match      0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1402 GACATGAACCCAGAGC 1419
DB 1 GACATGAGACTAAGAGC 18

RESULT 190
US-09-422-978-9769/c
; Sequence 9769, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER FILING DATE: 1999-04-21
; EARLIER FILING DATE: 1999-04-21
; EARLIER FILING DATE: 1998-11-23
; EARLIER FILING DATE: 1998-11-23
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9769
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-7218 for SEQ 1904, in complemer
US-09-422-978-9769

Query Match      0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1614 GATTGTCCTCAACACCCA 1631
DB 1 GAATAGTACCAACACCCA 1

RESULT 191
US-09-927-737C-78/c
; Sequence 78, Application US/09927737C
; Patent No. 6576453
; GENERAL INFORMATION:
; APPLICANT: Barany, Francis
; APPLICANT: Luo, Jianying
; APPLICANT: Khanna, Marilyn
; APPLICANT: Bergstrom, Donald E.
; TITLE OF INVENTION: HIGH FIDELITY DETECTION OF NUCLEIC ACID DIFFERENCES BY
; FILE REFERENCE: 19603/459
; CURRENT APPLICATION NUMBER: US/09/927,737C
; EARLIER FILING DATE: 2001-08-10
; EARLIER FILING DATE: 1996-07-19
; EARLIER FILING DATE: 1996-07-19
; EARLIER FILING DATE: 1997-07-19
; NUMBER OF SEQ ID NOS: 97
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 78
; LENGTH: 18
; TYPE: DNA
```

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: primer for
OTHER INFORMATION: PCR or LDR
US-09-927-737C-78

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.5e-02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1512 GATGGTGATGAATTCGTG 1529
|||||
DB 18 GATGGTGAGGAGTTCGTG 1

RESULT 192
US-09-344-260A-2/c
Sequence 2, Application US/09344260A
Patent No. 6576752
GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Lonnberg, Harri
APPLICANT: Salo, Harri
APPLICANT: Virta, Pasi
TITLE OF INVENTION: Aminoxy Functionalized Oligomers
FILE REFERENCE: ISIS-3508
CURRENT APPLICATION NUMBER: US/09/344,260A
CURRENT FILING DATE: 1999-08-25
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR FILING DATE: 1999-01-30
NUMBER OF SEQ ID NOS: 18
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: No. 6576752el Sequence
US-09-344-260A-2

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.5e-02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1296 AGATGTGATGTTGGTGT 1313
|||||
DB 18 AGATATCATCTTGGTGT 1

RESULT 193
PCT-US95-03731-35
Sequence 35, Application PC/TUS9503731
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
TITLE OF INVENTION: Treatment of Partial Growth Hormone Insensitivity Syndrome
NUMBER OF SEQUENCES: 57
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/03731
FILING DATE:
CLASSIFICATION:

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/224982
FILING DATE: 07-APR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Hasak, Janet E.
REGISTRATION NUMBER: 28,616
REFERENCE/DOCKET NUMBER: 884P1PCT
TELEPHONE: 415/225-1896
TELEFAX: 415/952-9881
TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO: 35:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
PCT-US95-03731-35

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.5e-02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1473 AAAAGAGGGTGCTCAGA 1490
|||||
DB 1 ACATGAGGGTACCTCAGA 18

RESULT 194
US-08-292-620A-339
Sequence 339, Application US/08292620A
Patent No. 5837542
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Wardburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149

TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 339:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-339

Query Match 0.8%; Score 13; DB 1; Length 15;
Best Local Similarity 69.2%; Pred. No. 1.1e+02; Indels 0;
Matches 9; Conservative 4; Mismatches 0; Gaps 0;

Qy 873 CATGTTCACTGC 885
Db 1 CAUGGUUCACUGC 13

RESULT 195
US-08-585-684B-92
Sequence 92, Application US/08585684B
Patent No. 5877021
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwiggen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 92:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-585-684B-92

Query Match 0.8%; Score 13; DB 1; Length 15;
Best Local Similarity 53.8%; Pred. No. 1.1e+02; Indels 0;
Matches 7; Conservative 6; Mismatches 0; Gaps 0;

Qy 781 CTACTTCTCTTC 793
Db 2 CUCACUCUGUUC 14

RESULT 196
US-09-071-845-339
Sequence 339, Application US/09071845
Patent No. 6132967
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
RELATED TO LEVELS OF
INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 339:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-071-845-339

Query Match 0.8%; Score 13; DB 1; Length 15;
Best Local Similarity 69.2%; Pred. No. 1.1e+02; Indels 0;
Matches 9; Conservative 4; Mismatches 0; Gaps 0;

Qy 873 CATGTTCACTGC 885
Db 1 CAUGGUUCACUGC 13

RESULT 197
US-09-038-073-92

```
; Sequence 92, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 92:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-038-073-92

Query Match 0.8%; Score 13; DB 1; Length 15;
Best Local Similarity 53.8%; Pred. No. 1.1e+02;
Matches 7; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 781 CTCACCTTCGTTC 793
Db 2 CUCACUCUGUUC 14

RESULT 198
US-09-081-646-684
; Sequence 684, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; TITLE OF INVENTION: Cancer Cells
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSEQ for Windows Version 3.0

; SEQ ID NO 684
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-081-646-684

Query Match 0.8%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 873 CATGTTCACTGC 885
Db 1 CATGTTCACTGC 13

RESULT 199
US-08-985-162-317/c
; Sequence 317, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 317:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-985-162-317

Query Match 0.8%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1102 TTCATTCCAATGC 1114
Db 17 TTCATTCCAATGC 5
```

RESULT 200
US-08-584-040-4333
; Sequence 4333, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 4333:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-4333

Query Match 0.8%; Score 13; DB 1; Length 17;
Best Local Similarity 84.8%; Pred. No. 1.5e+02;
Matches 11; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
QY 1482 TGCCTCAGAGAG 1494
DB 4 UGCCUCAGAGAG 16

RESULT 201
US-09-371-772B-2100
; Sequence 2100, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2100
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-2100

Query Match 0.8%; Score 13; DB 1; Length 17;
Best Local Similarity 84.6%; Pred. No. 1.5e+02;
Matches 11; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1482 TGCCTCAGAGAG 1494
DB 4 UGCCUCAGAGAG 16

RESULT 202
US-09-371-772B-6859
; Sequence 6859, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MEB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6859
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6859

Query Match 0.8%; Score 13; DB 1; Length 17;
Best Local Similarity 84.6%; Pred. No. 1.5e+02;
Matches 11; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
QY 1482 TGCCTCAGAGAG 1494
DB 5 UGCCUCAGAGAG 17

RESULT 203
US-09-371-772B-6860
; Sequence 6860, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

FILE REFERENCE: MEHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
PRIOR FILING DATE: 1999-08-10
PRIOR FILING DATE: 1995-10-26
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 6860
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-6860

Query Match 0.8%; Score 13; DB 1; Length 17;
Best Local Similarity 84.6%; Pred. No. 1.5e+02;
Matches 11; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1482 TGCCTCGAAGAG 1494
Db 3 UGCCUCAGAAGAG 15

RESULT 204
US-08-757-024-783
Sequence 783, Application US/08757024
Patent No. 6025339
GENERAL INFORMATION:
APPLICANT: Nyce, Jonathan W.
TITLE OF INVENTION: METHOD OF TREATMENT FOR ASTHMA
NUMBER OF SEQUENCES: 952
CORRESPONDENCE ADDRESS:
ADDRESSEE: BELL, SELTZER, PARK & GIBSON
STREET: P.O. Drawer 34009
CITY: Charlotte
STATE: No. 6025339th Carolina
COUNTRY: USA
ZIP: 28234
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/757,024
FILING DATE: 26-NOV-1996
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Sibley, Kenneth D.
REGISTRATION NUMBER: 31,665
REFERENCE/DOCKET NUMBER: 5218-41
TELECOMMUNICATION INFORMATION:
TELEPHONE: 919-881-3140
TELEFAX: 919-881-3175
TELEX: 575102
INFORMATION FOR SEQ ID NO: 783:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-757-024-783

Query Match 0.7%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 70 GCGGCTTGGGGGCAC 85
Db 1 GCGGCATGCGGGGCAC 16

Query Match 0.7%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 70 GCGGCTTGGGGGCAC 85
Db 1 GCGGCATGCGGGGCAC 16

RESULT 205
US-08-757-024-798
Sequence 798, Application US/08757024
Patent No. 6025339
GENERAL INFORMATION:
APPLICANT: Nyce, Jonathan W.
TITLE OF INVENTION: METHOD OF TREATMENT FOR ASTHMA
NUMBER OF SEQUENCES: 952
CORRESPONDENCE ADDRESS:
ADDRESSEE: BELL, SELTZER, PARK & GIBSON
STREET: P.O. Drawer 34009
CITY: Charlotte
STATE: No. 6025339th Carolina
COUNTRY: USA
ZIP: 28234
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/757,024
FILING DATE: 26-NOV-1996
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Sibley, Kenneth D.
REGISTRATION NUMBER: 31,665
REFERENCE/DOCKET NUMBER: 5218-41
TELECOMMUNICATION INFORMATION:
TELEPHONE: 919-881-3140
TELEFAX: 919-881-3175
TELEX: 575102
INFORMATION FOR SEQ ID NO: 798:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-757-024-798

Query Match 0.7%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 71 CGGCTTGGGGGCAC 86
Db 1 CGGCATGCGGGGCAC 16

RESULT 206
US-09-371-772B-5892
Sequence 5892, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
FILE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MEHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 5892

```
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5892

Query Match          0.7%; Score 12.8; DB 1; Length 16;
Best Local Similarity 62.5%; Pred. No. 1.7e+02;
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy 1358 CCACCTACATGTATGA 1373
Db 1 CCACCUCAUGUUGA 16

RESULT 207
US-07-964-151-12/c
; Sequence 12, Application US/07964151
; Patent No. 5449604
; GENERAL INFORMATION:
; APPLICANT: Schellenberg, G.D., Bird, T.D., and E.M. Wajsmann
; TITLE OF INVENTION: CHROMOSOME 14 ALZHEIMER'S DISEASE GENETIC MARKERS AND ASSAYS
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Christensen, O'Connor, Johnson and Kindness
; STREET: 2800 Pacific First Center, 1420 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98101-2347
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette-5.25 inch, 1.2Mb storage
; COMPUTER: IBM PC/386 Compatible
; OPERATING SYSTEM: MS-DOS 4.01
; SOFTWARE: Word for Windows-t
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/964.151
; FILING DATE: October 21, 1992
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: none
; FILING DATE: none
; ATTORNEY/AGENT INFORMATION:
; NAME: Broderick, Thomas F.
; REGISTRATION NUMBER: 31,332
; REFERENCE/DOCKET NUMBER: UOFW-1-6588
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 1-206-682-8100; 1-206-224-0709 (direct)
; TELEFAX: 1-206-224-0779
; TELEX: 4938023
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: oligonucleotide
; DESCRIPTION: D14S43 genetic marker; Table 1
US-07-964-151-12

Query Match          0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 700 GGAGAAAGTGCTCTG 715
Db 17 GTAGAAAGTGCTCTG 2

RESULT 208
US-08-257-784A-8/c
; Sequence 8, Application US/08257784A
; Patent No. 5789551
; GENERAL INFORMATION:
; APPLICANT: Pestka, Sidney
; TITLE OF INVENTION: Super Proteins Including Interferons,
; TITLE OF INVENTION: Interleukins, et al.
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Plevy & Associates
; STREET: P.O. Box 1366, 146 Route 1 No. 5789551th
; CITY: Edison
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 08818-1366
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch, 1.2 Mb storage
; COMPUTER: IBM Compatible (Intel "386" CPU)
; OPERATING SYSTEM: MS-DOS 5.0
; SOFTWARE: WordPerfect Office 3.0 (ASCII Editor)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/257.784A
; FILING DATE: June 10, 1994
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/076.231
; FILING DATE: June 11, 1993
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Plevy, Arthur L.
; REGISTRATION NUMBER: 24,277
; REFERENCE/DOCKET NUMBER: PESTKA-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (908) 572-5858
; TELEFAX: (908) 572-5963
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; MOLECULE TYPE: genomic DNA
US-08-257-784A-8

Query Match          0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1638 CCAGAAGCTGAGGAC 1653
Db 17 CCAGCAGCTGATGAC 2

RESULT 209
US-08-758-306-583/c
; Sequence 593, Application US/08758306
; Patent No. 5807743
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: McSwiggen, James A.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES
; TITLE OF INVENTION: ASSOCIATED WITH
; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
; NUMBER OF SEQUENCES: 1379
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
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/
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: FastSeq Version 1.5
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/758,306
/ FILING DATE: December 3, 1996
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER:
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 212/132
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 583:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-758-306-583

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1647 GAAGCAAGAAGTA 1662
DB 17 GAAGCAAGAAGTA 2

RESULT 210
US-08-758-306-591/c
/ Sequence 591, Application US/08758306
/ Patent No. 5807743
/ GENERAL INFORMATION:
/ APPLICANT: Stinchcomb, Dan T.
/ APPLICANT: McSwigen, James A.
/ TITLE OF INVENTION: METHOD AND REAGENT FOR THE
/ TITLE OF INVENTION: TREATMENT OF DISEASES
/ TITLE OF INVENTION: ASSOCIATED WITH
/ TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
/ TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
/ NUMBER OF SEQUENCES: 1379
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/758,306
/ FILING DATE: August 17, 1994
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ PRIOR APPLICATION DATA: including application
/ PRIOR APPLICATION DATA: described below:
/ APPLICATION NUMBER: 08/008,895
/ FILING DATE: January 19, 1993
/ APPLICATION NUMBER: 07/989,849
/ FILING DATE: December 7, 1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 208/149
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 1667:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
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```
/
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 591:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-758-306-591

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1640 AGAAGCTGAAGGACAA 1655
DB 16 AGAAGCTGAAGGACTA 1

RESULT 211
US-08-292-620A-1667
/ Sequence 1667, Application US/08292620A
/ Patent No. 5837542
/ GENERAL INFORMATION:
/ APPLICANT: Susan Grimm
/ APPLICANT: Dan T. Stinchcomb
/ APPLICANT: James McSwigen
/ APPLICANT: Sean Sullivan
/ APPLICANT: Kenneth G. Draper
/ TITLE OF INVENTION: RIBOZYME TREATMENT OF
/ TITLE OF INVENTION: DISEASES OR CONDITIONS
/ TITLE OF INVENTION: RELATED TO LEVELS OF
/ TITLE OF INVENTION: INTRACELLULAR ADHESION
/ TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
/ NUMBER OF SEQUENCES: 2390
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/292,620A
/ FILING DATE: August 17, 1994
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ PRIOR APPLICATION DATA: including application
/ PRIOR APPLICATION DATA: described below:
/ APPLICATION NUMBER: 08/008,895
/ FILING DATE: January 19, 1993
/ APPLICATION NUMBER: 07/989,849
/ FILING DATE: December 7, 1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 208/149
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 1667:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
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TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-1667

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 1.7e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 1028 AAGAGCTTCAAGCTGA 1043
Db 1 AAGCUUCAAGCUGA 16

RESULT 212
US-08-292-620A-1929/c
; Sequence 1929, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1929:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

US-08-292-620A-1929
Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.7e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 118 CATGGCAAGTGCTGG 133
Db 16 CAGGCAAGTGCAGG 1

RESULT 213
US-08-489-066A-12/c
; Sequence 12, Application US/08489066A
; Patent No. 5869293
; GENERAL INFORMATION:
; APPLICANT: PESTKA, SIDNEY
; TITLE OF INVENTION: SUPER PROTEINS INCLUDING INTERFERONS,
; TITLE OF INVENTION: INTERLEUKINS, ET AL.
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/489,066A
; FILING DATE: 09-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/257,784
; FILING DATE: 10-JUN-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/076,231
; FILING DATE: 11-JUN-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Fehner, Ph.D., Esq., Paul F.
; REGISTRATION NUMBER: 35,135
; REFERENCE/DOCKET NUMBER: 1705-1-002 CIPC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201 487-5800
; TELEFAX: 201 343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; DESCRIPTION: Primer used in sequencing of Hu-IFN-
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-489-066A-12

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1638 CCAGAGCTGAAGGAC 1653
Db 17 CCAGCAGCTGAATGAC 2

RESULT 214
US-08-489-072A-12/c
; Sequence 12, Application US/08489072A
; Patent No. 6001589

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1638 CCAGAGCTGAAGGAC 1653
Db 17 CCAGCAGCTGAATGAC 2

RESULT 214
US-08-489-072A-12/c
; Sequence 12, Application US/08489072A
; Patent No. 6001589

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1638 CCAGAGCTGAAGGAC 1653
Db 17 CCAGCAGCTGAATGAC 2

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1638 CCAGAGCTGAAGGAC 1653
Db 17 CCAGCAGCTGAATGAC 2

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1638 CCAGAGCTGAAGGAC 1653
Db 17 CCAGCAGCTGAATGAC 2

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1638 CCAGAGCTGAAGGAC 1653
Db 17 CCAGCAGCTGAATGAC 2

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1638 CCAGAGCTGAAGGAC 1653
Db 17 CCAGCAGCTGAATGAC 2

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1638 CCAGAGCTGAAGGAC 1653
Db 17 CCAGCAGCTGAATGAC 2

```

; GENERAL INFORMATION:
; APPLICANT: PESTKA, SIDNEY
; TITLE OF INVENTION: SUPER PROTEINS INCLUDING INTERFERONS,
; TITLE OF INVENTION: INTERLEUKINS, ET AL.
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/489,072A
; FILING DATE: 09-JUN-1995
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/257,784
; FILING DATE: 10-JUN-1994
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/076,231
; FILING DATE: 11-JUN-1993
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Fehlnner, Ph.D., Esq., Paul F.
; REGISTRATION NUMBER: 35,135
; REFERENCE/DOCKET NUMBER: 1705-1-002 CIPA
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201 487-5800
; TELEFAX: 201 343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; DESCRIPTION: Primer used in sequencing of Hu-IFN-
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; US-08-489-072A-12

```

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Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.7e-02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1638 CCAGAGCTGAAGGAC 1653
DB 17 CCAGCAGCTGAATGAC 2

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```

RESULT 215
US-08-757-024-766
; Sequence 766, Application US/08757024
; Patent No. 6025339
; GENERAL INFORMATION:
; APPLICANT: NYCE, Jonathan W.
; TITLE OF INVENTION: METHOD OF TREATMENT FOR ASTHMA
; NUMBER OF SEQUENCES: 952
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BELL, SELTZER, PARK & GIBSON
; STREET: P.O. Drawer 34009
; CITY: Charlotte
; STATE: No. 6025339th Carolina
; COUNTRY: USA
; ZIP: 28234

```

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; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/757,024
; FILING DATE: 26-NOV-1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Sibley, Kenneth D.
; REGISTRATION NUMBER: 31,665
; REFERENCE/DOCKET NUMBER: 5218-41
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919-881-3140
; TELEFAX: 919-881-3175
; TELEX: 575102
; INFORMATION FOR SEQ ID NO: 766:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-757-024-766
QY 70 GCGGCTTGGGGGCGAC 85
DB 2 GCGGCTTGGGGGCGAC 17

```

```

RESULT 216
US-08-757-024-797
; Sequence 797, Application US/08757024
; Patent No. 6025339
; GENERAL INFORMATION:
; APPLICANT: NYCE, Jonathan W.
; TITLE OF INVENTION: METHOD OF TREATMENT FOR ASTHMA
; NUMBER OF SEQUENCES: 952
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BELL, SELTZER, PARK & GIBSON
; STREET: P.O. Drawer 34009
; CITY: Charlotte
; STATE: No. 6025339th Carolina
; COUNTRY: USA
; ZIP: 28234
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/757,024
; FILING DATE: 26-NOV-1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Sibley, Kenneth D.
; REGISTRATION NUMBER: 31,665
; REFERENCE/DOCKET NUMBER: 5218-41
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919-881-3140
; TELEFAX: 919-881-3175
; TELEX: 575102
; INFORMATION FOR SEQ ID NO: 797:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

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MOLECULE TYPE: DNA (genomic)
US-08-757-024-797

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 71 CGGCTTGGGGGACACA 86
Db 1 CGGCATCGGGGACACA 16

RESULT 217

US-09-071-845-1667

; Sequence 1667, Application US/09071845
; Patent No. 6132967

; GENERAL INFORMATION:

; APPLICANT: Susan Grimm

; APPLICANT: Dan T. Stinchcomb

; APPLICANT: James McSwiggen

; APPLICANT: Sean Sullivan

; APPLICANT: Kenneth G. Draper

; TITLE OF INVENTION: RIBOZYME TREATMENT OF

; TITLE OF INVENTION: DISEASES OR CONDITIONS

; TITLE OF INVENTION: RELATED TO LEVELS OF

; TITLE OF INVENTION: INTRACELLULAR ADHESION

; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)

; NUMBER OF SEQUENCES: 2390

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; CITY: Suite 4700

; STATE: Los Angeles

; COUNTRY: California

; ZIP: U.S.A.

; ZIP: 90071-2066

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: Word Perfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/071,845

; FILING DATE:

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/08/292,620

; FILING DATE: August 17, 1994

; APPLICATION NUMBER: 08/008,895

; FILING DATE: January 19, 1993

; APPLICATION NUMBER: 07/989,849

; FILING DATE: December 7, 1992

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard J.

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 208/149

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 1667:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 17 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; US-09-071-845-1667

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 88.8%; Pred. No. 1.7e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1028 AAGAGCTTCAAGCTGA 1043
Db 1 AAGCUCUUAAGCTGA 16

RESULT 218

US-09-071-845-1929/c

; Sequence 1929, Application US/09071845

; Patent No. 6132967

; GENERAL INFORMATION:

; APPLICANT: Susan Grimm

; APPLICANT: Dan T. Stinchcomb

; APPLICANT: James McSwiggen

; APPLICANT: Sean Sullivan

; APPLICANT: Kenneth G. Draper

; TITLE OF INVENTION: RIBOZYME TREATMENT OF

; TITLE OF INVENTION: DISEASES OR CONDITIONS

; TITLE OF INVENTION: RELATED TO LEVELS OF

; TITLE OF INVENTION: INTRACELLULAR ADHESION

; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)

; NUMBER OF SEQUENCES: 2390

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; CITY: Suite 4700

; STATE: Los Angeles

; COUNTRY: California

; ZIP: U.S.A.

; ZIP: 90071-2066

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: Word Perfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/071,845

; FILING DATE:

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/08/292,620

; FILING DATE: August 17, 1994

; APPLICATION NUMBER: 08/008,895

; FILING DATE: January 19, 1993

; APPLICATION NUMBER: 07/989,849

; FILING DATE: December 7, 1992

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard J.

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 208/149

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 1929:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 17 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; US-09-071-845-1929

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 118 CATGGCAAGTGTGG 133
Db 16 CAGGGCAAGTGCAGG 1

RESULT 219

US-08-489-071A-12/c

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; Sequence 12, Application US/08489071A
; Patent No. 6300474
; GENERAL INFORMATION:
; APPLICANT: FESTIKA, SIDNEY
; TITLE OF INVENTION: SUPER PROTEINS INCLUDING INTERFERONS,
; TITLE OF INVENTION: INTERLEUKINS, ET AL.
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/489,071A
; FILING DATE: 09-JUN-1995
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/257,784
; FILING DATE: 10-JUN-1994
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/076,231
; FILING DATE: 11-JUN-1993
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Fehner, Ph.D., Esq., Paul F.
; REGISTRATION NUMBER: 35,135
; REFERENCE/DOCKET NUMBER: 1705-1-002 CIPC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201 487-5800
; TELEFAX: 201 343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; DESCRIPTION: Primer used in sequencing of Hu-IFN-
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-489-071A-12

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1638 CCAGAGCTGAAGGAC 1653
DB 17 CCAGCAGCTGAATGAC 2

RESULT 220
US-08-584-040-2841
; Sequence 2841, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
```

```
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2841:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-2841

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 1.7e+02;
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 500 TTGCTGCCCATGAAA 515
DB 2 UUCUGUCCAUCAAAA 17

RESULT 221
US-08-584-040-2864/c
; Sequence 2864, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
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/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/584,040
/ FILING DATE: January 11, 1996
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 60/005,974
/ FILING DATE: October 26, 1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 218/064
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 2864:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-584-040-2864

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1039 GCTGAAGGAATTCC 1054
DB 17 GCTGAAGGAATTGC 2

RESULT 222
US-08-584-040-4056
; Sequence 4056, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 5756:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-5756
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```
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 218/064
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 4056:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-584-040-4056

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1243 GGAGGACAGACGACA 1258
DB 2 GGAGGACAGACGACA 17

RESULT 223
US-08-584-040-5756/c
; Sequence 5756, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 5756:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-5756
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TOPOLOGY:	linear	US-08-584-040-5756	Query Match	0.7%;	Score 12.8;	DB 1;	Length 17;
Best Local Similarity	87.5%;	Pred. No. 1.7e+02;					
Matches	14;	Conservative 0;	Mismatches 2;	Indels 0;	Gaps 0;		
QY	427 CTGCGGTCATGGTGT 442						
DB	17 CTGCTGGTCATGCTGT 2						
RESULT 224	US-08-584-040-7791						
	Sequence 7791, Application US/08584040						
	Patent No. 6346398						
	GENERAL INFORMATION:						
	APPLICANT: Pavco, Pamela						
	APPLICANT: McSwiggen, James						
	APPLICANT: Stinchcomb, Dan T.						
	APPLICANT: Escobedo, Jaime						
	TITLE OF INVENTION: METHOD AND REAGENT FOR THE						
	TITLE OF INVENTION: TREATMENT OF DISEASES OR						
	TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS						
	TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL						
	TITLE OF INVENTION: GROWTH FACTOR						
	NUMBER OF SEQUENCES: 8502						
	CORRESPONDENCE ADDRESS:						
	ADDRESSEE: Lyon & Lyon						
	STREET: 633 West Fifth Street						
	STREET: Suite 4700						
	CITY: Los Angeles						
	STATE: California						
	COUNTRY: U.S.A.						
	ZIP: 90071-2066						
	COMPUTER READABLE FORM:						
	MEDIUM TYPE: 3.5" Diskette, 1.44 Mb.						
	COMPUTER: IBM Compatible						
	OPERATING SYSTEM: IBM P.C. DOS 5.0						
	SOFTWARE: Word Perfect 5.1						
	CURRENT APPLICATION DATA:						
	APPLICATION NUMBER: US/08/584,040						
	FILING DATE: January 11, 1996						
	CLASSIFICATION: 514						
	PRIOR APPLICATION DATA:						
	APPLICATION NUMBER: 60/005,974						
	FILING DATE: October 26, 1995						
	ATTORNEY/AGENT INFORMATION:						
	NAME: Warburg, Richard J.						
	REGISTRATION NUMBER: 32,327						
	REFERENCE/DOCKET NUMBER: 218/064						
	TELECOMMUNICATION INFORMATION:						
	TELEPHONE: (213) 489-1600						
	TELEFAX: (213) 955-0440						
	TELEX: 67-3510						
	INFORMATION FOR SEQ ID NO: 7791:						
	SEQUENCE CHARACTERISTICS:						
	LENGTH: 17 base pairs						
	TYPE: nucleic acid						
	STRANDEDNESS: single						
	TOPOLOGY: linear						
	US-08-584-040-7791						
Query Match		0.7%;	Score 12.8;	DB 1;	Length 17;		
Best Local Similarity	68.8%;	Pred. No. 1.7e+02;					
Matches	11;	Conservative 3;	Mismatches 2;	Indels 0;	Gaps 0;		
QY	1389 AAGCTTCTCATCAGAC 1404						
DB	1 AAGCUUCACACGCC 16						
RESULT 226	US-08-679-645-190/c						
	Sequence 190, Application US/08679645						
	Patent No. 6350934						
	GENERAL INFORMATION:						
	APPLICANT: Zwick, Michael G.						
	APPLICANT: Edington, Brent E.						

```

; APPLICANT: McSwiggen, James A.
; APPLICANT: Merlo, Patricia Ann Owens
; APPLICANT: Guo, Lining
; APPLICANT: Skokut, Thomas A.
; APPLICANT: Young, Scott A.
; APPLICANT: Folkerts, Otto
; APPLICANT: Merlo, Donald J.
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/679,645
; FILING DATE: July 12, 1996
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 190:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-679-645-190

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1434 CCGGGATGAGCTTCTTC 1449
Db 16 CCGAGATGAGCTCTC 1

RESULT 227
US-08-679-645-697
; Sequence 697, Application US/08679645
; Patent No. 6350934
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; APPLICANT: Edington, Brent E.
; APPLICANT: McSwiggen, James A.
; APPLICANT: Merlo, Patricia Ann Owens
; APPLICANT: Guo, Lining
; APPLICANT: Skokut, Thomas A.
; APPLICANT: Young, Scott A.
; APPLICANT: Folkerts, Otto
; APPLICANT: Merlo, Donald J.
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/679,645
; FILING DATE: July 12, 1996
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 190:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-679-645-190
```

```

; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/679,645
; FILING DATE: July 12, 1996
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 697:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-679-645-697

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.7e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 1637 CCCAGAGCTGAGGA 1652
Db 1 CCCAGCAUCUGAGGA 16

RESULT 228
US-08-679-645-720/c
; Sequence 720, Application US/08679645
; Patent No. 6350934
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; APPLICANT: Edington, Brent E.
; APPLICANT: McSwiggen, James A.
; APPLICANT: Merlo, Patricia Ann Owens
; APPLICANT: Guo, Lining
; APPLICANT: Skokut, Thomas A.
; APPLICANT: Young, Scott A.
; APPLICANT: Folkerts, Otto
; APPLICANT: Merlo, Donald J.
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/679,645
; FILING DATE: July 12, 1996
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 697:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-679-645-697
```

```
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/679,645
; FILING DATE: July 12, 1996
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 720:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-679-645-720

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 818 CTTGGCTGAGCAAT 833
Db 17 CTTGGAGGAGCAAT 2

RESULT 229
US-09-474-432B-423
; Sequence 423, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burstin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 833
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-474-432B-610

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 818 CTTGGCTGAGCAAT 833
Db 17 CTTGGAGGAGCAAT 2

RESULT 229
US-09-474-432B-423
; Sequence 423, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burstin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 423
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; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-474-432B-423

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.7e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1565 AAGGCTGCCCACTG 1580
Db 2 AAGGCTGCCCGCG 17

RESULT 230
US-09-474-432B-610
; Sequence 610, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burstin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 610
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-474-432B-610

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 1.7e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 855 AACCCAGCCTCTGCT 870
Db 1 AACCCAGCCTCTGCT 16

RESULT 231
US-09-371-772B-1365
; Sequence 1365, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MBH00-876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
```


; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3575
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3575

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 1.7e+02;

Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1389 AAGCTTCTCATGAC 1404
DB 1 AAGCTTCTCATGAC 16

RESULT 236

US-09-371-772B-4947
; Sequence 4947, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4947
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4947

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 1.7e+02;

Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1358 CCACCTACATGATGA 1373
DB 2 CCACCTACATGATGA 17

RESULT 237

US-09-371-772B-4948
; Sequence 4948, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225

; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4948
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4948

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 1.7e+02;

Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1358 CCACCTACATGATGA 1373
DB 1 CCACCTACATGATGA 16

RESULT 238

US-09-371-772B-5609
; Sequence 5609, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5609
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5609

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 1.7e+02;

Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 500 TTGCTGCCCATGAAA 515
DB 1 UCCUGUCCCAUGA 16

RESULT 239

US-09-371-772B-5624/c
; Sequence 5624, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0

```
; SEQ ID NO 5624
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5624

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1039 GCTGAAAGGAATTCC 1054
Db      |||||
16 GCTGAATGAATTGC 1

RESULT 240
US-09-371-772B-5625/c
; Sequence 5625, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MEHB00,876-J (237/198)
; CURRENT FILING DATE: 1999-08-10
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 5625
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5625

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1034 TTCAGGCTGAAGGAA 1049
Db      |||||
16 TTCAGGCTGAATGAA 1

RESULT 241
US-09-371-772B-6517
; Sequence 6517, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MEHB00,876-J (237/198)
; CURRENT FILING DATE: 1999-08-10
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 6517
```

```
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6517

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1243 GGAGGAACAGACGACA 1258
Db      |||||
1 GGAGGAUCAGACGACA 16

RESULT 242
US-08-390-850-1055/c
; Sequence 1055, Application US/08390850
; Patent No. 5612215
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Gustofson, John
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
; NUMBER OF SEQUENCES: 1151
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/390,850
; FILING DATE: February 17, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/354,920
; FILING DATE: December 13, 1994
; APPLICATION NUMBER: 08/152,487
; FILING DATE: No. 5612215ember 12, 1993
; APPLICATION NUMBER: 07/989,848
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 211/084
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1055:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-390-850-1055

Query Match      0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 823 GCTGAGCAATTGCTA 838
|||
```

Db 18 GCTGAGCAAACTGCCA 3

RESULT 243

US-08-373-124A-2257
; Sequence 2257, Application US/08373124A
; Patent No. 5646042

GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
SUITE: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 2257:

SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-373-124A-2257

Query Match 0.7%; Score 12.8; DB 1; Length 18;

Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1149 GGACCAGAGACAGCC 1164

Db 2 GGACCAGAGACAGCC 17

RESULT 244

US-08-435-634-1055/c
; Sequence 1055, Application US/08435634
; Patent No. 5731295

GENERAL INFORMATION:

APPLICANT: Draper, Kenneth G.

APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Gustafson, John
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
OF ARTHRITIC CONDITIONS
NUMBER OF SEQUENCES: 1151
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
SUITE: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/435,634
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/390,850
FILING DATE: February 17, 1995
APPLICATION NUMBER: 08/354,920
FILING DATE: December 13, 1994
APPLICATION NUMBER: 08/152,487
FILING DATE: No. 5731295 September 12, 1993
APPLICATION NUMBER: 07/989,848
FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211/084
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 1055:

SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-435-634-1055

Query Match 0.7%; Score 12.8; DB 1; Length 18;

Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 823 GCTGAGCAAAATGCTA 838

Db 18 GCTGAGCAAACTGCCA 3

RESULT 245

US-08-435-628-2257
; Sequence 2257, Application US/08435628
; Patent No. 5817796

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:


```
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/117,952
; FILING DATE: 07-SEP-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/078,471
; FILING DATE: 15-JUN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Reiter, Stephen E.
; REGISTRATION NUMBER: 31,192
; REFERENCE/DOCKET NUMBER: P41 9423
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-546-4737
; TELEFAX: 619-546-3392
; INFORMATION FOR SEQ ID NO: 415:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Oligonucleotide
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; US-08-117-952-415

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 247 CCATGAGCTTTGTGA 262
Db 17 CCATGGAGGGTTGTGA 2

RESULT 248
US-09-213-767-45
; Sequence 45, Application US/09213767
; Patent No. 5948680
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF ELK-1 EXPRESSION
; FILE REFERENCE: RTS-0024
; CURRENT APPLICATION NUMBER: US/09/213,767
; CURRENT FILING DATE: 1998-12-17
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 45
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-213-767-45

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 205 CCTCTGGACCCCTGA 220
Db 3 CTTCCTGGACCCCTGA 18

RESULT 249
US-09-205-860-82/c
; Sequence 82, Application US/09205860
; Patent No. 5981732
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
```

```
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-13 EXPRESSION
; FILE REFERENCE: RTS-0031
; CURRENT APPLICATION NUMBER: US/09/205,860
; CURRENT FILING DATE: 1998-12-04
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 82
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-860-82

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1583 CAGAGTACACACAGAA 1598
Db 18 CAGTTTACACACAGAA 3

RESULT 250
US-09-255-893-30
; Sequence 30, Application US/09255893A
; Patent No. 6008344
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2 GROUP IV EXPRESSION
; FILE REFERENCE: RTS-0055
; CURRENT APPLICATION NUMBER: US/09/255,893A
; CURRENT FILING DATE: 1999-02-23
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 30
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-255-893-30

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1054 CACACTGTCCCTTACA 1069
Db 3 CCACACTGTCCACTACA 18

RESULT 251
US-09-255-911-41
; Sequence 41, Application US/09255911
; Patent No. 6013522
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD1 EXPRESSION
; FILE REFERENCE: RTS-0040
; CURRENT APPLICATION NUMBER: US/09/255,911
; CURRENT FILING DATE: 1999-02-23
; NUMBER OF SEQ ID NOS: 46
; SEQ ID NO 41
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-255-911-41

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
```

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 873 CATGGTTCACTGCTG 888
Db 3 CATGGTTCACTG 18

RESULT 252

US-09-289-376-35/c
; Sequence 35, Application US/09289376
; Patent No. 6013788
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD3 EXPRESSION
; FILE REFERENCE: R1S-0043
; CURRENT APPLICATION NUMBER: US/09/289,376
; CURRENT FILING DATE: 1999-04-09
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 35
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-376-35

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1079 TTAACAAGCAGGAGTT 1094
Db 17 TCAACACACGAGGTT 2

RESULT 253

US-08-757-024-748
; Sequence 748, Application US/08757024
; Patent No. 6025339
; GENERAL INFORMATION:
; APPLICANT: Nyce, Jonathan W.
; TITLE OF INVENTION: METHOD OF TREATMENT FOR ASTHMA
; NUMBER OF SEQUENCES: 952
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BELL, SELTZER, PARK & GIBSON
; STREET: P.O. Drawer 34009
; CITY: Charlotte
; STATE: No. 6025339th Carolina
; COUNTRY: USA
; ZIP: 28234

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/757,024
; FILING DATE: 26-NOV-1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Sibley, Kenneth D.
; REGISTRATION NUMBER: 31,665
; REFERENCE/DOCKET NUMBER: 5218-41
; TELEPHONE: 919-881-3140
; TELEFAX: 919-881-3175
; TELEX: 575102

INFORMATION FOR SEQ ID NO: 748:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single

; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-757-024-748

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 70 GCGCTTGGGGGCAC 85
Db 3 GCGGCATGGGGGCAC 18

RESULT 254

US-08-757-024-796
; Sequence 796, Application US/08757024
; Patent No. 6025339
; GENERAL INFORMATION:
; APPLICANT: Nyce, Jonathan W.
; TITLE OF INVENTION: METHOD OF TREATMENT FOR ASTHMA
; NUMBER OF SEQUENCES: 952
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BELL, SELTZER, PARK & GIBSON
; STREET: P.O. Drawer 34009
; CITY: Charlotte
; STATE: No. 6025339th Carolina
; COUNTRY: USA
; ZIP: 28234

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/757,024
; FILING DATE: 26-NOV-1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Sibley, Kenneth D.
; REGISTRATION NUMBER: 31,665
; REFERENCE/DOCKET NUMBER: 5218-41
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919-881-3140
; TELEFAX: 919-881-3175
; TELEX: 575102

INFORMATION FOR SEQ ID NO: 796:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-757-024-796

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 71 CGGCTTGGGGGCAC 86
Db 1 CGGCATGGGGGCAC 16

RESULT 255

US-09-339-993-32/c
; Sequence 32, Application US/09339993A
; Patent No. 6040179
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-I2 EXPRESSION
; FILE REFERENCE: R1S-0064
; CURRENT APPLICATION NUMBER: US/09/339,993A
; CURRENT FILING DATE: 1999-06-25

```
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 32
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-339-993-32

Query Match          0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1586 AGTACACCAAGGA 1601
   |||||
Db 18 AGACCACTGAAGGA 3

RESULT 256
US-09-487-444-24/c
; Sequence 24, Application US/09487444
; Patent No. 6159697
; GENERAL INFORMATION:
; APPLICANT: Brett P. Cowert
; APPLICANT: Lex M. Cowert
; TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD7 EXPRESSION
; FILE REFERENCE: RTS-0133
; CURRENT APPLICATION NUMBER: US/09/487,444
; CURRENT FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 24
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-487-444-24

Query Match          0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 183 GGAATCCCTTTGCC 198
   |||||
Db 16 GGAATGGCTTTGCC 1

RESULT 257
US-08-937-063-12/c
; Sequence 12, Application US/08937063
; Patent No. 6187534
; GENERAL INFORMATION:
; APPLICANT: STEOM, TERRY B.
; APPLICANT: VASCONCELLOS, LAURO
; APPLICANT: SUTHANTHIRAN, MANIKAM
; TITLE OF INVENTION: METHODS OF EVALUATING TRANSPLANT
; TITLE OF INVENTION: REJECTION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESS: HAMILTON, BROOK, SMITH & REYNOLDS
; STREET: TWO MILITIA DRIVE
; CITY: LEXINGTON
; STATE: MASSACHUSETTS
; COUNTRY: UNITED STATES
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/937,063
; FILING DATE: 24-SEP-1997

; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: GRAMHAN, PATRICIA
; REGISTRATION NUMBER: 32,227
; REFERENCE/DOCKET NUMBER: BIDMC97-01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (781) 861-6240
; TELEFAX: (781) 861-9540
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-937-063-12

Query Match          0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 938 TCTTATCTCTGGACTT 953
   |||||
Db 16 TCTTGTCTCTGGGCTT 1

RESULT 258
US-09-290-577-13
; Sequence 13, Application US/09290577
; Patent No. 6238868
; GENERAL INFORMATION:
; APPLICANT: Carrino, John J.
; APPLICANT: Diver, Jonathan M.
; TITLE OF INVENTION: MULTIPLEX AMPLIFICATION AND SEPARATION OF NUCLEIC
; TITLE OF INVENTION: ACID SEQUENCES USING LIGATION-DEPENDANT STRAND
; TITLE OF INVENTION: DISPLACEMENT AMPLIFICATION AND BIOELECTRONIC CHIP
; TITLE OF INVENTION: TECHNOLOGY
; FILE REFERENCE: 238/238
; CURRENT APPLICATION NUMBER: US/09/290,577
; CURRENT FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 13
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Salmonella typhimurium
US-09-290-577-13

Query Match          0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 549 CATCTGGGATTCCTTC 564
   |||||
Db 3 CATCTCTGGATTCCTTC 18

RESULT 259
US-09-632-580A-67
; Sequence 67, Application US/09632580A
; Patent No. 6255111
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowert
; TITLE OF INVENTION: ANTISENSE MODULATION OF HER-4 EXPRESSION
; FILE REFERENCE: RTS-0054
; CURRENT APPLICATION NUMBER: US/09/632,580A
; CURRENT FILING DATE: 2000-07-31
; NUMBER OF SEQ ID NOS: 93
; SEQ ID NO 67
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
```



```
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-632-580A-67

Query Match      0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 851 GCACCAACACCACTTC 866
Db 3 GCACCAACCTCCATC 18

RESULT 260
US-09-630-706-41
; Sequence 41, Application US/09630706
; Patent No. 6277640
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF HER-3 EXPRESSION
; FILE REFERENCE: RTS-0053
; CURRENT APPLICATION NUMBER: US/09/630,706
; CURRENT FILING DATE: 2000-08-01
; NUMBER OF SEQ ID NOS: 94
; SEQ ID NO 41
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-630-706-41

Query Match      0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1333 CGCAACCCAGAGATG 1348
Db 2 CGGAGCCAGAGATG 17

RESULT 261
US-09-117-525-8/c
; Sequence 8, Application US/09117525
; Patent No. 6294329
; GENERAL INFORMATION:
; APPLICANT: Max Planck Gesellschaft zur Forderung der Wissenschaft
; TITLE OF INVENTION: Use of Primers for Universal Fingerprint Analysis
; FILE REFERENCE: Rohde et al.
; CURRENT APPLICATION NUMBER: US/09/117,525
; CURRENT FILING DATE: 1998-11-02
; EARLIER APPLICATION NUMBER: PCT/EP97/00442
; EARLIER FILING DATE: 1997-01-31
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 8
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer that
; OTHER INFORMATION: hybridizes to copia-like sequences
US-09-117-525-8

Query Match      0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1174 CTGTGAAGTCTATC 1189
Db 17 CTGTGAAGTCTATC 2

RESULT 262
US-09-290-452-13
; Sequence 13, Application US/09290452
; Patent No. 6309833
; GENERAL INFORMATION:
; APPLICANT: Nerenberg, Michael I.
; APPLICANT: Westin, Lorelei P.
; APPLICANT: Edman, Carl F.
; APPLICANT: Carrino, John
; TITLE OF INVENTION: MULTIPLEX AMPLIFICATION AND SEPARATION OF NUCLEIC ACID
; TITLE OF INVENTION: SEQUENCES ON A BIOELECTRONIC MICROCHIP USING ASYMMETRIC
; TITLE OF INVENTION: STRUCTURES
; FILE REFERENCE: 241/109
; CURRENT APPLICATION NUMBER: US/09/290,452
; CURRENT FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 13
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Salmonella typhimurium
; OTHER INFORMATION:
US-09-290-452-13

Query Match      0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 549 CATCTGGGATCTTC 564
Db 3 CATCTGGGATCTTC 18

RESULT 263
US-09-105-542A-21
; Sequence 21, Application US/09105542A
; Patent No. 6323329
; GENERAL INFORMATION:
; APPLICANT: Bullerdiek, Jorn
; TITLE OF INVENTION: NUCLEIC ACID SEQUENCES OF GENES OF THE
; TITLE OF INVENTION: HIGH MOBILITY GROUP PROTEINS AND USES THEREFORE
; FILE REFERENCE: BOEHM4.001C1CP
; CURRENT APPLICATION NUMBER: US/09/105,542A
; CURRENT FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/DE96/02494
; PRIOR FILING DATE: 1996-12-20
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 21
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: P1 primer used for RT-PCR of Exon 1 of the HMGI-C
; OTHER INFORMATION: gene.
US-09-105-542A-21

Query Match      0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1483 GCCTCAGAGAGAGGA 1498
Db 2 GCCTCAGAGAGAGGA 17

RESULT 264
US-09-290-338-13
; Sequence 13, Application US/09290338
; Patent No. 6326173
; GENERAL INFORMATION:
; APPLICANT: Nerenberg, Michael I.
; APPLICANT: Edman, Carl F.
```

/ TITLE OF INVENTION: ELECTRONICALLY MEDIATED NUCLEIC ACID
/ FILE REFERENCE: 238/072
/ CURRENT APPLICATION NUMBER: US/09/290,338
/ CURRENT FILING DATE: 1999-04-12
/ NUMBER OF SEQ ID NOS: 62
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 13
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Salmonella typhimurium
US-09-290-338-13

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 549 CATCTGGGGAATCTTC 564
||||| |||||||
Db 3 CATCTGGGAATCTTC 18

RESULT 265
US-09-496-694B-141/c
/ Sequence 141, Application US/09496694B
/ Patent No. 6335194
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Elizabeth J. Ackermann
/ APPLICANT: Eric E. Swayze
/ APPLICANT: Lex M. Cowser
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
/ FILE REFERENCE: ISPH-0439
/ CURRENT APPLICATION NUMBER: US/09/496,694B
/ CURRENT FILING DATE: 2000-02-02
/ PRIOR APPLICATION NUMBER: 09/286,407
/ PRIOR FILING DATE: 1999-04-05
/ PRIOR APPLICATION NUMBER: 09/163,162
/ PRIOR FILING DATE: 1998-09-29
/ NUMBER OF SEQ ID NOS: 249
/ SEQ ID NO 141
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-496-694B-141

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1193 TTGTTTGCAATTCCTAA 1208
||||| |||||||
Db 16 TTGTTGAATTCCTAA 1

RESULT 266
US-09-496-694B-142/c
/ Sequence 142, Application US/09496694B
/ Patent No. 6335194
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Elizabeth J. Ackermann
/ APPLICANT: Eric E. Swayze
/ APPLICANT: Lex M. Cowser
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
/ FILE REFERENCE: ISPH-0439
/ CURRENT APPLICATION NUMBER: US/09/496,694B
/ CURRENT FILING DATE: 2000-02-02
/ PRIOR APPLICATION NUMBER: 09/286,407
/ PRIOR FILING DATE: 1999-04-05
/ PRIOR APPLICATION NUMBER: 09/163,162

/ PRIOR FILING DATE: 1998-09-29
/ NUMBER OF SEQ ID NOS: 249
/ SEQ ID NO 142
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-496-694B-142

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1193 TTGTTTGCAATTCCTAA 1208
||||| |||||||
Db 17 TTGTTGAATTCCTAA 2

RESULT 267
US-09-496-694B-143/c
/ Sequence 143, Application US/09496694B
/ Patent No. 6335194
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Elizabeth J. Ackermann
/ APPLICANT: Eric E. Swayze
/ APPLICANT: Lex M. Cowser
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
/ FILE REFERENCE: ISPH-0439
/ CURRENT APPLICATION NUMBER: US/09/496,694B
/ CURRENT FILING DATE: 2000-02-02
/ PRIOR APPLICATION NUMBER: 09/286,407
/ PRIOR FILING DATE: 1999-04-05
/ PRIOR APPLICATION NUMBER: 09/163,162
/ PRIOR FILING DATE: 1998-09-29
/ NUMBER OF SEQ ID NOS: 249
/ SEQ ID NO 143
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-496-694B-143

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1193 TTGTTTGCAATTCCTAA 1208
||||| |||||||
Db 18 TTGTTGAATTCCTAA 3

RESULT 268
US-08-584-040-3075
/ Sequence 3075, Application US/08584040
/ Patent No. 6346398
/ GENERAL INFORMATION:
/ APPLICANT: Pavco, Pamela
/ APPLICANT: McSwiggen, James
/ APPLICANT: Stinchcomb, Dan T.
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: METHOD AND REAGENT FOR THE
/ TITLE OF INVENTION: TREATMENT OF DISEASES OR
/ TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
/ TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
/ TITLE OF INVENTION: GROWTH FACTOR
/ NUMBER OF SEQUENCES: 8502
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700

```
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/584,040
/ FILING DATE: January 11, 1996
/ CLASSIFICATION: S14
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 60/005,974
/ FILING DATE: October 26, 1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 218/064
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 3075:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-584-040-3075

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 62.5%; Pred. No. 1.9e+02;
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 500 TTGTCGCCCATGAAA 515
Db 3 UUCUGUCCAGAAAA 18

RESULT 269
US-09-723-535-24/c
; Sequence 24, Application US/09723535
; Patent No. 6355483
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-2 EXPRESSION
; FILE REFERENCE: RTS-0225
; CURRENT APPLICATION NUMBER: US/09/723,535
; CURRENT FILING DATE: 2000-11-27
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 24
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: antisense
; OTHER INFORMATION: oligonucleotide corresponding to a specific region
; OTHER INFORMATION: of the mouse li gene.
US-09-205-995-27

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1266 AAAGAAAGACCTGTC 1281
Db 17 AAGAAAGACCACTTC 2

RESULT 270
US-09-723-535-46/c

/ Sequence 46, Application US/09723535
/ Patent No. 6355483
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Lex M. Cowsett
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-2 EXPRESSION
/ FILE REFERENCE: RTS-0225
/ CURRENT APPLICATION NUMBER: US/09/723,535
/ CURRENT FILING DATE: 2000-11-27
/ NUMBER OF SEQ ID NOS: 49
/ SEQ ID NO 46
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-723-535-46

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 832 ATTGCTATCAGCTGCTG 847
Db 17 ATTGCTGACACTGCTG 2

RESULT 271
US-09-205-995-27/c
; Sequence 27, Application US/09205995
; Patent No. 6368855
; GENERAL INFORMATION:
; APPLICANT: Xu, Minzhen
; APPLICANT: Oiu, Gang
; APPLICANT: Humphreys, Robert
; TITLE OF INVENTION: CANCER CELL VACCINE
; FILE REFERENCE: U.S. Application 09/205,995, (CIP)
; CURRENT APPLICATION NUMBER: US/09/205,995
; CURRENT FILING DATE: 1998-12-04
; PRIOR APPLICATION NUMBER: 09/036,746
; PRIOR FILING DATE: 1998-03-09
; PRIOR APPLICATION NUMBER: 08/661,627
; PRIOR FILING DATE: 1996-06-11
; NUMBER OF SEQ ID NOS: 79
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 27
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: antisense
; OTHER INFORMATION: oligonucleotide corresponding to a specific region
; OTHER INFORMATION: of the mouse li gene.
US-09-205-995-27

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 707 GTGTCTCTGTCTGTGT 722
Db 17 GTGTCTCTGTCTGTGT 2

RESULT 272
US-09-167-109-81
; Sequence 81, Application US/09167109
; Patent No. 6399297
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda F.
; APPLICANT: Cowsett, Lex M.
; APPLICANT: Monia, Brett P.
; APPLICANT: Xu, Xiaoxing S.
```

; TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION

; FILE REFERENCE: ISPH-0321

; CURRENT APPLICATION NUMBER: US/09/167,109

; CURRENT FILING DATE: 1998-10-06

; NUMBER OF SEQ ID NOS: 228

; SEQ ID NO 81

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: antisense sequence

US-09-167-109-81

Query Match 0.7%; Score 12.8; DB 1; Length 18;

Best Local Similarity 87.5%; Pred. No. 1.9e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 390 TATTACACTCTGCT 405

|||||

DB 2 TATTACAGCTTCT 17

RESULT 273

US-09-920-760-50/c

; Sequence 50, Application US/09920760

; Patent No. 6492173

; GENERAL INFORMATION:

; APPLICANT: Lex M. Cowsett

; TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN D2 EXPRESSION

; FILE REFERENCE: RTS-0275

; CURRENT APPLICATION NUMBER: US/09/920,760

; CURRENT FILING DATE: 2001-08-01

; NUMBER OF SEQ ID NOS: 89

; SEQ ID NO 50

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-920-760-50

Query Match 0.7%; Score 12.8; DB 1; Length 18;

Best Local Similarity 87.5%; Pred. No. 1.9e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 700 GGAGAAAGTGTCTCTG 715

|||||

DB 16 GGAGAAAGTGTCTCTG 1

RESULT 274

US-09-290-000-13

; Sequence 13, Application US/09290000

; Patent No. 6531302

; GENERAL INFORMATION:

; APPLICANT: Nerenberg, Michael I.

; APPLICANT: Westin, Lorelei P.

; APPLICANT: Landis, Geoffrey C.

; APPLICANT: Feng, Lana L.

; APPLICANT: Edman, Carl F.

; TITLE OF INVENTION: ANCHORED STRAND DISPLACEMENT AMPLIFICATION

; FILE REFERENCE: 238/065

; CURRENT APPLICATION NUMBER: US/09/290,000

; CURRENT FILING DATE: 1999-04-12

; NUMBER OF SEQ ID NOS: 62

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 13

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Salmonella typhimurium

US-09-290-000-13

Query Match 0.7%; Score 12.8; DB 1; Length 18;

Best Local Similarity 87.5%; Pred. No. 1.9e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 549 CATCTGGGATTCTTC 564

|||||

DB 3 CATCTGGGATTCTTC 18

RESULT 275

US-09-422-978-3938

; Sequence 3938, Application US/09422978

; Patent No. 6537751

; GENERAL INFORMATION:

; APPLICANT: Cohen, Daniel

; APPLICANT: Blumenfeld, Marta

; APPLICANT: Chumakov, Ilya

; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

; FILE REFERENCE: GENSET.020CP1

; CURRENT APPLICATION NUMBER: US/09/422,978

; CURRENT FILING DATE: 1999-10-20

; EARLIER APPLICATION NUMBER: US 09/298,850

; EARLIER FILING DATE: 1999-04-21

; EARLIER APPLICATION NUMBER: US 60/109,732

; EARLIER FILING DATE: 1998-11-23

; EARLIER APPLICATION NUMBER: US 60/082,614

; EARLIER FILING DATE: 1998-04-21

; NUMBER OF SEQ ID NOS: 11796

; SEQ ID NO 3938

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Homo Sapiens

; FEATURE:

; NAME/KEY: primer_bind

; LOCATION: i. 18_bind

; OTHER INFORMATION: upstream amplification primer 99-1151 for SEQ 4,

US-09-422-978-3938

Query Match 0.7%; Score 12.8; DB 1; Length 18;

Best Local Similarity 87.5%; Pred. No. 1.9e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1048 AATTCCACACTGTCC 1063

|||||

DB 3 AATTCCACCTGTCC 18

RESULT 276

US-09-422-978-7402

; Sequence 7402, Application US/09422978

; Patent No. 6537751

; GENERAL INFORMATION:

; APPLICANT: Cohen, Daniel

; APPLICANT: Blumenfeld, Marta

; APPLICANT: Chumakov, Ilya

; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

; FILE REFERENCE: GENSET.020CP1

; CURRENT APPLICATION NUMBER: US/09/422,978

; CURRENT FILING DATE: 1999-10-20

; EARLIER APPLICATION NUMBER: US 09/298,850

; EARLIER FILING DATE: 1999-04-21

; EARLIER APPLICATION NUMBER: US 60/109,732

; EARLIER FILING DATE: 1998-11-23

; EARLIER APPLICATION NUMBER: US 60/082,614

; EARLIER FILING DATE: 1998-04-21

; NUMBER OF SEQ ID NOS: 11796

; SEQ ID NO 7402

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Homo Sapiens

; FEATURE:

; NAME/KEY: primer_bind

; LOCATION: 1..18

; OTHER INFORMATION: upstream amplification primer 99-4285 for SEQ 3468,
US-09-422-978-7402

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1591 AACGAGAAGGAGGT 1606
||| ||||| |||||
DB 2 AACGAGAAGGAGGT 17

RESULT 277
US-09-422-978-8021/c
; Sequence 8021, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8021
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-13238 for SEQ 156, in compleme
US-09-422-978-8021

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1128 TCCACTCTCGAAGGG 1143
||| ||||| |||||
DB 16 TCCACTCTCGAAGGG 1

RESULT 278
US-09-422-978-8461
; Sequence 8461, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8461
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens

; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-15606 for SEQ 596, in compleme
US-09-422-978-8461

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1105 ATTCCATGCGAGTTGA 1120
||| ||||| |||||
DB 2 ATTCCATGCGAGTTGA 17

RESULT 279

US-09-422-978-10528/c
; Sequence 10528, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10528
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-13205 for SEQ 2663, in compleme
US-09-422-978-10528

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 161 CACAGCCTGTGCGCAT 176
||| ||||| |||||
DB 17 CACAGCCTGTGCGCAT 2

RESULT 280
US-08-894-454-13
; Sequence 13, Application US/08894454
; Patent No. 6544784
; GENERAL INFORMATION:
; APPLICANT: VAN DEN VEN, W.J.M.
; APPLICANT: SCHONMAKERS, H.F.P.M.
; TITLE OF INVENTION: MULTIPLE-TUMOR ABERRENT GROWTH
; TITLE OF INVENTION: GENES
; NUMBER OF SEQUENCES: 164
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: The Webb Law Firm
; STREET: 700 Koppers Building, 436 Seventh Avenue
; CITY: Pittsburgh
; STATE: PA
; COUNTRY: USA
; ZIP: 15219-1818
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible

```
/ OPERATING SYSTEM: DOS
/ SOFTWARE: FastSeq for Windows Version 2.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/894,454
/ FILING DATE: 15-AUG-1997
/ CLASSIFICATION: 424
/ PRIOR APPLICATION NUMBER:
/ APPLICATION NUMBER: PCT/EP/00716
/ FILING DATE: 19-FEB-1996
/ APPLICATION NUMBER: 95200390.3
/ FILING DATE: 17-FEB-1995
/ APPLICATION NUMBER: 95201951.1
/ FILING DATE: 14-JUL-1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Johnson, Barbara E
/ REGISTRATION NUMBER: 31,198
/ REFERENCE/DOCKET NUMBER: 702-971100
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 412-471-8815
/ TELEFAX: 412-471-4094
/ TELEX:
/ INFORMATION FOR SEQ ID NO: 13:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
US-08-894-454-13
```

```
Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 1493 GCCTCAGAGAGGAGA 1498
Db 2 GCCTCAGAGAGAGGA 17
```

```
RESULT 281
US-09-254-776B-22/c
/ Sequence 22, Application US/09254776B
/ Patent No. 6559359
/ GENERAL INFORMATION:
/ APPLICANT: Latent, Howard
/ TITLE OF INVENTION: PLANT RETROVIRAL POLYNUCLEOTIDES AND METHODS FOR USE THEREOF
/ FILE REFERENCE: 27013/33479A
/ CURRENT APPLICATION NUMBER: US/09/254,776B
/ CURRENT FILING DATE: 1999-03-09
/ NUMBER OF SEQ ID NOS: 86
/ SOFTWARE: Patentin version 3.0
/ SEQ ID NO 22
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: primer
/
US-09-254-776B-22
```

```
Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 1166 TGTCACTCTGTGGAA 1181
Db 18 TGTCACTACTGTGGCA 3
```

```
RESULT 282
US-09-371-772B-1502
/ Sequence 1502, Application US/09371772B
/ Patent No. 6566127
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
```

```
/ APPLICANT: Pavco, Pam
/ APPLICANT: McSwiggen, Jim
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
/ FILE REFERENCE: Levels of Vascular Endothelial Growth Factor Receptor
/ CURRENT APPLICATION NUMBER: US/09/371,772B
/ CURRENT FILING DATE: 1999-08-10
/ PRIOR APPLICATION NUMBER: US 60/005,974
/ PRIOR FILING DATE: 1995-10-26
/ PRIOR APPLICATION NUMBER: US 08/584,040
/ PRIOR FILING DATE: 1996-01-08
/ NUMBER OF SEQ ID NOS: 14225
/ SOFTWARE: Patentin version 3.0
/ SEQ ID NO 1502
/ LENGTH: 18
/ TYPE: RNA
/ ORGANISM: Homo sapiens
/
US-09-371-772B-1502
```

```
Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 62.5%; Pred. No. 1.9e+02;
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 500 TTGCTGCCCATGAAA 515
Db 3 UCCUGUCCAUAGAAA 18
```

```
RESULT 283
US-09-679-298A-30/c
/ Sequence 30, Application US/09679298A
/ Patent No. 6566131
/ GENERAL INFORMATION:
/ APPLICANT: Brett P. Monia
/ APPLICANT: Lex M. Cowser
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD6 EXPRESSION
/ FILE REFERENCE: RTS-0045
/ CURRENT APPLICATION NUMBER: US/09/679,298A
/ CURRENT FILING DATE: 2001-03-05
/ NUMBER OF SEQ ID NOS: 47
/ SEQ ID NO 30
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
/
US-09-679-298A-30
```

```
Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 1004 GGATGCTGCTGCTGAA 1019
Db 18 GGCTGCTGCTGCTGGA 3
```

```
RESULT 284
US-08-193-039B-27/c
/ Sequence 27, Application US/08193039B
/ Patent No. 5981176
/ GENERAL INFORMATION:
/ APPLICANT: Wallace, R. Bruce
/ TITLE OF INVENTION: Method of Detecting and
/ TITLE OF INVENTION: Discriminating Between Nucleic Acid Sequences
/ NUMBER OF SEQUENCES: 27
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: City of Hope
/ STREET: 1500 East Duarte Road
/ CITY: Duarte
/ STATE: California
```

COUNTRY: United States of America
ZIP: 91010-0269
COMPUTER READABLE FORM:
MEDIUM TYPE: 3M High Density 3 1/2" diskette
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS (R) Version 3.30
SOFTWARE: Microsoft (R)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/193,039B
FILING DATE: 04 February 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/05133
FILING DATE: 17 June 1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: E. Anthony Figg
REGISTRATION NUMBER: 27,195
REFERENCE/DOCKET NUMBER: 2124-108
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 783-6040
TELEFAX: (202) 783-6031
TELEX: NO. 5981176e
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleotide
STRANDEDNESS: Single
TOPOLOGY: Linear
US-08-193-039B-27

Query Match 0.7%; Score 12.6; DB 1; Length 20;
Best Local Similarity 78.9%; Pred. No. 2.5e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1469 TTTTAAAGAGGGTGCTC 1487
|||||
DB 20 TTTTAAAGGGGGCCCC 2

RESULT 285
US-08-425-315-3
Sequence 3, Application US/08425315
Patent No. 5545820
GENERAL INFORMATION:
APPLICANT: Gatehouse, Angharad
APPLICANT: Hilder, Vaughan
APPLICANT: Peumans, Willy
APPLICANT: Hamilton, William
TITLE OF INVENTION: INSECTICIDAL PROTEINS
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lowe, Price, LeBlanc and Becker
STREET: 99 Canal Center Plaza, Suite 300
CITY: Alexandria
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22314
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/425,315
FILING DATE:
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/969,841
FILING DATE: 28-JAN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Mills, Demetra J.
REGISTRATION NUMBER: 34,506

REFERENCE/DOCKET NUMBER: 266-020
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 684-1111
TELEFAX: (703) 684-1124
TELEX: 82-4425
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-425-315-3
Query Match 0.7%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1320 TGTGATTGTGGCCC 1333
|||||
DB 1 TGTGTTGTGGCCC 14
RESULT 286
US-08-548-199-2
Sequence 2, Application US/08548199
Patent No. 5652106
GENERAL INFORMATION:
APPLICANT: Plinkaytis, Bonnie B.
APPLICANT: Shinnick, Thomas M.
APPLICANT: Crawford, Jack T.
TITLE OF INVENTION: RAPID AMPLIFICATION-BASED SUBTYPING OF
TITLE OF INVENTION: MYCOBACTERIUM TUBERCULOSIS
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Suite 1200, The Candler Building
STREET: 127 Peachtree Street, N.E.
CITY: Atlanta
STATE: Georgia
COUNTRY: USA
ZIP: 30303-1811
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/548,199
FILING DATE: 25-OCT-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/072,450
FILING DATE: 04 JUNE 1993
ATTORNEY/AGENT INFORMATION:
NAME: Perryman, David G.
REGISTRATION NUMBER: 33,438
REFERENCE/DOCKET NUMBER: 1414.062
TELECOMMUNICATION INFORMATION:
TELEPHONE: (404) 688-0770
TELEFAX: (404) 688-9880
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
ORIGINAL SOURCE: Mycobacterium
IMMEDIATE SOURCE:
CLONE: MPTR-1

```
/ POSITION IN GENOME:
/ CHROMOSOME/SEGMENT: MPT-1
/ MAP POSITION: 154-168 (Hermans et al. (1992))
/ FEATURE:
/ NAME/KEY: misc.feature
/ LOCATION: 1..10
/ OTHER INFORMATION: /number= 10 /standard_name=
/ OTHER INFORMATION: "Consensus sequence for MPT sequences"
/ OTHER INFORMATION: /label= NucleicAcid /note= "Actual genomic sequence of
/ OTHER INFORMATION: MPT-6 154-168 (1-15) is: CCGGGTGTGGTGC (154-168)"
US-08-548-199-2
```

```
Query Match 0.7%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 429 GCCGGTGTGGTGGT 442
DB 1 GCCGGTGTGGTGGT 14
```

```
RESULT 287
US-08-311-486C-125
Sequence 125, Application US/08311486C
Patent No. 5811300
```

```
/ GENERAL INFORMATION:
/ APPLICANT: Sean Sullivan
/ APPLICANT: Kenneth Draper
/ APPLICANT: Kevin Kisich
/ APPLICANT: Dan T. Stinchcomb
/ APPLICANT: James McSwiggen
/ TITLE OF INVENTION: RIBOZYME TREATMENT OF
/ TITLE OF INVENTION: DISEASES OR CONDITIONS
/ TITLE OF INVENTION: RELATED TO LEVELS OF
/ TITLE OF INVENTION: TNF-
/ NUMBER OF SEQUENCES: 1157
/ CORRESPONDENCE ADDRESS:
```

```
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
```

```
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
```

```
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
```

```
/ CURRENT APPLICATION DATA:
```

```
/ APPLICATION NUMBER: US/08/311,486C
/ FILING DATE: September 23, 1994
```

```
/ CLASSIFICATION: 435
```

```
/ PRIOR APPLICATION DATA: including application
/ PRIOR APPLICATION DATA: described below:
```

```
/ APPLICATION NUMBER: 08/008,895
```

```
/ FILING DATE: January 19, 1993
```

```
/ APPLICATION NUMBER: 07/989,849
```

```
/ FILING DATE: December 7, 1992
```

```
/ ATTORNEY/AGENT INFORMATION:
```

```
/ NAME: Warburg, Richard J.
```

```
/ REGISTRATION NUMBER: 32,327
```

```
/ REFERENCE/DOCKET NUMBER: 209/166
```

```
/ TELECOMMUNICATION INFORMATION:
```

```
/ TELEPHONE: (213) 489-1600
```

```
/ TELEFAX: (213) 955-0440
```

```
/ TELEX: 67-3510
```

```
/ INFORMATION FOR SEQ ID NO: 125:
```

```
/ SEQUENCE CHARACTERISTICS:
```

```
/ LENGTH: 15 base pairs
```

```
/ TYPE: nucleic acid
```

two

```
/ STRANDEDNESS: single
/ TOPOLOGY: linear
US-08-311-486C-125
```

```
Query Match 0.7%; Score 12.4; DB 1; Length 15;
Best Local Similarity 64.3%; Pred. No. 1.6e+02;
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 975 TCAACCCCTTCTGG 988
DB 1 UCACCCUUCUUGG 14
```

```
RESULT 288
```

```
US-08-292-620A-327
Sequence 327, Application US/08292620A
```

```
Patent No. 5837542
```

```
/ GENERAL INFORMATION:
```

```
/ APPLICANT: Susan Grimm
```

```
/ APPLICANT: Dan T. Stinchcomb
```

```
/ APPLICANT: James McSwiggen
```

```
/ APPLICANT: Sean Sullivan
```

```
/ APPLICANT: Kenneth G. Draper
```

```
/ TITLE OF INVENTION: RIBOZYME TREATMENT OF
```

```
/ TITLE OF INVENTION: DISEASES OR CONDITIONS
```

```
/ TITLE OF INVENTION: RELATED TO LEVELS OF
```

```
/ TITLE OF INVENTION: INTRACELLULAR ADHESION
```

```
/ TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
```

```
/ NUMBER OF SEQUENCES: 2390
```

```
/ CORRESPONDENCE ADDRESS:
```

```
/ ADDRESSEE: Lyon & Lyon
```

```
/ STREET: 633 West Fifth Street
```

```
/ STREET: Suite 4700
```

```
/ CITY: Los Angeles
```

```
/ STATE: California
```

```
/ COUNTRY: U.S.A.
```

```
/ ZIP: 90071-2066
```

```
/ COMPUTER READABLE FORM:
```

```
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
```

```
/ COMPUTER: IBM Compatible
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```
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
```

```
/ SOFTWARE: Word Perfect 5.1
```

```
/ CURRENT APPLICATION DATA:
```

```
/ APPLICATION NUMBER: US/08/292,620A
```

```
/ FILING DATE: August 17, 1994
```

```
/ CLASSIFICATION: 435
```

```
/ PRIOR APPLICATION DATA: including application
```

```
/ PRIOR APPLICATION DATA: described below:
```

```
/ APPLICATION NUMBER: 08/008,895
```

```
/ FILING DATE: January 19, 1993
```

```
/ APPLICATION NUMBER: 07/989,849
```

```
/ FILING DATE: December 7, 1992
```

```
/ ATTORNEY/AGENT INFORMATION:
```

```
/ NAME: Warburg, Richard J.
```

```
/ REGISTRATION NUMBER: 32,327
```

```
/ REFERENCE/DOCKET NUMBER: 208/149
```

```
/ TELECOMMUNICATION INFORMATION:
```

```
/ TELEPHONE: (213) 489-1600
```

```
/ TELEFAX: (213) 955-0440
```

```
/ TELEX: 67-3510
```

```
/ INFORMATION FOR SEQ ID NO: 327:
```

```
/ SEQUENCE CHARACTERISTICS:
```

```
/ LENGTH: 15 base pairs
```

```
/ TYPE: nucleic acid
```

```
/ STRANDEDNESS: single
```

```
/ TOPOLOGY: linear
```

```
US-08-292-620A-327
```

```
Query Match 0.7%; Score 12.4; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 1.6e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;
```


QY 647 CCAGCTTTGGAGG 660
|||||:|||||
DB 2 CCAGCUUGGAGG 15

RESULT 289

US-08-292-620A-328
; Sequence 328, Application US/08292620A
; Patent No. 5837542

GENERAL INFORMATION:
; APPLICANT: Susan Grimm

; APPLICANT: Dan T. Stinchcomb

; APPLICANT: James McSwiggen

; APPLICANT: Sean Sullivan

; APPLICANT: Kenneth G. Draper

; TITLE OF INVENTION: RIBOZYME TREATMENT OF

; TITLE OF INVENTION: DISEASES OR CONDITIONS

; TITLE OF INVENTION: RELATED TO LEVELS OF

; TITLE OF INVENTION: INTRACELLULAR ADHESION

; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)

; NUMBER OF SEQUENCES: 3290

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; CITY: Suite 4700

; STATE: Los Angeles

; COUNTRY: California

; ZIP: U.S.A.

; ZIP: 90071-2066

COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/292,620A

; FILING DATE: August 17, 1994

CLASSIFICATION: 435

PRIOR APPLICATION DATA: including application

PRIOR APPLICATION DATA: described below:

; APPLICATION NUMBER: 08/008,895

; FILING DATE: January 19, 1993

; APPLICATION NUMBER: 07/989,849

; FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 208/149

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 328:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-292-620A-328

Query Match 0.7%; Score 12.4; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 1.6e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 647 CCAGCTTTGGAGG 660

|||||:|||||

DB 1 CCAGCUUGGAGG 14

RESULT 290

US-08-585-684B-82/c
; Sequence 82, Application US/08585684B
; Patent No. 5877021

GENERAL INFORMATION:

; APPLICANT: Stinchcomb, Daniel T.

; APPLICANT: Jarvis, Thale

; APPLICANT: McSwiggen, James

; TITLE OF INVENTION: METHOD AND REAGENT FOR THE

; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE

; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES

; NUMBER OF SEQUENCES: 2751

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

SUITE: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071

COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: FastSeq Version 1.5

CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/585,684B

; FILING DATE: January 16, 1996

PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 60/000,951

; FILING DATE: July 7, 1995

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 218/078

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 82:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-585-684B-82

Query Match 0.7%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1038 AGCTGAAGGAATT 1051

|||||:|||||

DB 14 AGCTGAAGGAATT 1

RESULT 291

US-08-585-684B-94

; Sequence 94, Application US/08585684B

; Patent No. 5877021

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Daniel T.

APPLICANT: Jarvis, Thale

APPLICANT: McSwiggen, James

TITLE OF INVENTION: METHOD AND REAGENT FOR THE

TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE

TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES

NUMBER OF SEQUENCES: 2751

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

SUITE: Suite 4700

CITY: Los Angeles

STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,584B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 94:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-585-684B-94

Query Match 0.7%; Score 12.4; DB 1; Length 15;
Best Local Similarity 50.0%; Pred. No. 1.6e+02;
Matches 7; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

Qy 785 CTCTGTTCTGGTG 798
Db 1 CUUCUGUCAGGUG 14

RESULT 282
US-08-588-595-4/c
Sequence 4, Application US/08588595
Patent No. 5958769
GENERAL INFORMATION:
APPLICANT: Roberts, James M.
APPLICANT: Coats, Steven R.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MEDIATING
TITLE OF INVENTION: CELL CYCLE PROGRESSION
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew
STREET: One Market Plaza, Steuart Street Tower
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105-1492
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/588,595
FILING DATE: 18-JAN-1996
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Parmelee, Steven W.
REGISTRATION NUMBER: 31,990
REFERENCE/DOCKET NUMBER: 14538A-19
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206-467-9600

TELEFAX: 415-543-5043
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleotide
US-08-588-595-4

Query Match 0.7%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 564 CAGCACAGGGGATG 577
Db 15 CTGCACAGGGGATG 2

RESULT 293
US-08-716-190-13
Sequence 13, Application US/08716190
Patent No. 6006470
GENERAL INFORMATION:
APPLICANT: GREGG, Irene
APPLICANT: ROBERTSON, Walter
APPLICANT: BIRCH, Nicholas
APPLICANT: GATEHOUSE, Angharad Margaret
APPLICANT: ROSCOE
TITLE OF INVENTION: NEMATOCIDAL PROTEINS
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: LOWE, PRICE, LESBLANC & BECKER
STREET: 99 Canal Center Plaza, Suite 300
CITY: Alexandria
STATE: Virginia
COUNTRY: USA
ZIP: 22314
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/716,190
FILING DATE: 30-SEP-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: PRICE, Robert L.
REGISTRATION NUMBER: 22,685
REFERENCE/DOCKET NUMBER: 266-034
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-684-1111
TELEFAX: 703-684-1124
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-716-190-13

Query Match 0.7%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1320 TGTGATTGTGGCC 1333
Db 1 TGTGTTGTGGCC 14

RESULT 294

US-08-908-578-2/c
; Sequence 2, Application US/0808578
; Patent No. 6037177
; GENERAL INFORMATION:
; APPLICANT: Snyder, Richard
; TITLE OF INVENTION: METHOD FOR INCREASING THE EFFICIENCY OF RECOMBINANT AAV
; FILE REFERENCE: 7639-071
; CURRENT APPLICATION NUMBER: US/08/908,578
; CURRENT FILING DATE: 1997-08-08
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO. 2
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Oligonucleotide
US-08-908-578-2
Query Match 0.7%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 51 GGCCACTCTCTCTG 64
DB 15 GGACACTCTCTCTG 2
RESULT 295
US-09-071-845-327
; Sequence 327, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; INFORMATION FOR SEQ ID NO: 328:

; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 327:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-071-845-327
Query Match 0.7%; Score 12.4; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 1.6e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;
QY 647 CCAGCTTTGGAGG 660
DB 2 CCAGCUUGGAGG 15
RESULT 296
US-09-071-845-328
; Sequence 328, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; INFORMATION FOR SEQ ID NO: 328:

SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-071-845-328

Query Match 0.7%; Score 12.4; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 1.6e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 647 CCAGCTTTGGAGG 660
|||||:|||||
DB 1 CCAGCUUDGAAG 14

RESULT 297

US-09-038-073-82/c
; Sequence 82, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:

ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 82:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-82

Query Match 0.7%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1038 AGCTGAAGGAATT 1051
|||||:|||||
DB 14 AGCTGAAGGAATT 1

RESULT 298

US-09-038-073-94
; Sequence 94, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 94:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-94

Query Match 0.7%; Score 12.4; DB 1; Length 15;
Best Local Similarity 50.0%; Pred. No. 1.6e+02;
Matches 7; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 785 CTTCGTTCGTGGT 798
||:|:|:|:|
DB 1 CUUCUGUUCAGG 14

RESULT 299

US-09-081-646-389
; Sequence 389, Application US/09081646
; Patent No. 6331152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107, 74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21

NUMBER OF SEQ ID NOS: 871
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 389
LENGTH: 15
TYPE: DNA
ORGANISM: Homo sapiens
US-09-081-646-389

Query Match 0.7%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 905 AGGAGCTCTGGAG 918
DB 2 ATGAGCTCTGGAG 15

RESULT 300
US-09-081-646-421/c
Sequence 421, Application US/09081646
Patent No. 6333152
GENERAL INFORMATION:
APPLICANT: Kinzler, Kenneth
APPLICANT: Vogelstein, Bert
APPLICANT: Zhang, Lin
APPLICANT: Zhou, Wei
TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
FILE REFERENCE: 01107.74664
CURRENT APPLICATION NUMBER: US/09/081,646
CURRENT FILING DATE: 1998-05-20
EARLIER APPLICATION NUMBER: 60/047,352
EARLIER FILING DATE: 1997-05-21
NUMBER OF SEQ ID NOS: 871
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 421
LENGTH: 15
TYPE: DNA
ORGANISM: Homo sapiens
US-09-081-646-421

Query Match 0.7%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 520 GTGGTGTGACCAT 533
DB 15 GTGGTGTGACCAT 2

RESULT 301
US-09-081-646-708
Sequence 708, Application US/09081646
Patent No. 6333152
GENERAL INFORMATION:
APPLICANT: Kinzler, Kenneth
APPLICANT: Vogelstein, Bert
APPLICANT: Zhang, Lin
APPLICANT: Zhou, Wei
TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
FILE REFERENCE: 01107.74664
CURRENT APPLICATION NUMBER: US/09/081,646
CURRENT FILING DATE: 1998-05-20
EARLIER APPLICATION NUMBER: 60/047,352
EARLIER FILING DATE: 1997-05-21
NUMBER OF SEQ ID NOS: 871
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 708
LENGTH: 15
TYPE: DNA
ORGANISM: Homo sapiens
US-09-081-646-708

Query Match 0.7%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1298 ATGTGATGTTGGT 1311
DB 2 ATGTGATGTTGGT 15

RESULT 302
5519127-19/c
Patent No. 5519127
APPLICANT: SHAH, JYOTSNA;BUHARIN, AMELIA;LANE, DAVID J.
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE DETECTION OF
PNEUMOCYSTIS CARINII
NUMBER OF SEQUENCES: 57
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/826,657
FILING DATE: 21-JAN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 392,679
FILING DATE: 11-AUG-1989
SEQ ID NO:19;
LENGTH: 15
5519127-19

Query Match 0.7%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1591 AACCAAGAGGAGG 1604
DB 15 ATCCAGAGGAGG 2

RESULT 303
US-08-292-620A-1630
Sequence 1630, Application US/08292620A
Patent No. 5837542
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below;

APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1630:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-1630

Query Match 0.7%; Score 12.4; DB 1; Length 16;
Best Local Similarity 78.6%; Pred. No. 1.8e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1055 ACACTGTCCCTAC 1068
Db 1 ACACUGUCCCCAAC 14

RESULT 304
US-071-845-1630
Sequence 1630, Application US/09071845
Patent No. 6132967
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
FILING DATE:
CLASSIFICATION:
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1630:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-071-845-1630

Query Match 0.7%; Score 12.4; DB 1; Length 16;
Best Local Similarity 78.6%; Pred. No. 1.8e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1055 ACACTGTCCCTAC 1068
Db 1 ACACUGUCCCCAAC 14

RESULT 305
US-09-328-174A-14
Sequence 14, Application US/09328174A
Patent No. 6448003
GENERAL INFORMATION:
APPLICANT: Guida, Marco
APPLICANT: Kurth, Janice
TITLE OF INVENTION: Genotyping Human Phenol Sulfotransferase
TITLE OF INVENTION: (STP2)
FILE REFERENCE: 4389-6 (formerly SEQ-16P)
CURRENT APPLICATION NUMBER: US/09/328,174A
CURRENT FILING DATE: 1999-06-08
PRIOR APPLICATION NUMBER: 09/328,174
PRIOR FILING DATE: 1999-06-08
NUMBER OF SEQ ID NOS: 110
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 14
LENGTH: 16
TYPE: DNA
ORGANISM: H. sapiens
US-09-328-174A-14

Query Match 0.7%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1086 GCAGGAGTTGGCT 1099
Db 1 GCAGGAGTTGGCT 14

RESULT 306
US-09-371-772B-7060
Sequence 7060, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MEH00.876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225

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OM nucleic - nucleic search, using sw model

Run on: February 4, 2004, 11:09:29 ; Search time 18 Seconds:
(without alignments)
2.527 Million cell updates/sec

Title: us-09-920-394-3

Perfect score: 1728

Sequence: 1 tgcgccttcacgatgtgg.....catagagctgtgaatgaaga 1728

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 0.5

Searched: 708 seqs, 13163 residues

Total number of hits satisfying chosen parameters: 1416

Minimum DB seq length: 8

Maximum DB seq length: 50

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 723 summaries

Database : rnpb.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match %	Length	ID	Description
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2	22.8	1.3	26	1	US-10-115-479-197
3	20.4	1.2	22	1	US-10-115-479-196
4	20	1.2	20	1	US-09-920-394-4
5	20	1.2	20	1	US-09-920-394-5
6	20	1.2	20	1	US-09-920-394-17
7	20	1.2	20	1	US-09-920-394-18
8	20	1.2	20	1	US-09-920-394-19
9	20	1.2	20	1	US-09-920-394-20
10	20	1.2	20	1	US-09-920-394-21
11	20	1.2	20	1	US-09-920-394-22
12	20	1.2	20	1	US-09-920-394-23
13	20	1.2	20	1	US-09-920-394-24
14	20	1.2	20	1	US-09-920-394-25
15	20	1.2	20	1	US-09-920-394-26
16	20	1.2	20	1	US-09-920-394-27
17	20	1.2	20	1	US-09-920-394-28
18	20	1.2	20	1	US-09-920-394-29
19	20	1.2	20	1	US-09-920-394-30
20	20	1.2	20	1	US-09-920-394-31
21	20	1.2	20	1	US-09-920-394-32
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C 107	17.4	1.0	20	1	US-09-920-394-45	Sequence 45, Appl	180	14.4	0.8	20	1	US-10-289-762-5023	Sequence 5023, Ap
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C 109	16.8	1.0	20	1	US-09-920-394-57	Sequence 57, Appl	C 182	14.4	0.8	20	1	US-10-287-224-8	Sequence 8, Appl
C 110	16.8	1.0	20	1	US-10-188-646-16	Sequence 16, Appl	C 183	14.2	0.8	19	1	US-10-225-023-251	Sequence 251, App
C 111	16.8	1.0	20	1	US-10-188-646-94	Sequence 94, Appl	C 184	14.2	0.8	19	1	US-10-225-023-989	Sequence 989, App
C 112	16.8	1.0	20	1	US-10-125-181-16	Sequence 16, Appl	C 185	14.2	0.8	19	1	US-10-356-625-117	Sequence 117, App
C 113	16.8	1.0	22	1	US-09-884-001-17	Sequence 17, Appl	C 186	14.2	0.8	20	1	US-10-361-725A-28	Sequence 28, Appl
C 114	16.4	0.9	19	1	US-09-884-001-12	Sequence 12, Appl	C 187	14.2	0.8	20	1	US-09-050-516-35	Sequence 35, Appl
C 115	16.4	0.9	20	1	US-09-860-761-27	Sequence 27, Appl	C 188	14.2	0.8	20	1	US-09-050-516-37	Sequence 37, Appl
C 116	16.4	0.9	20	1	US-10-289-762-4524	Sequence 4524, Ap	C 189	14.2	0.8	20	1	US-09-802-669-79	Sequence 79, Appl
C 117	15.8	0.9	19	1	US-10-020-695-17	Sequence 17, Appl	C 190	14.2	0.8	20	1	US-09-802-669-130	Sequence 130, App
C 118	15.8	0.9	20	1	US-10-159-856-44	Sequence 44, Appl	C 191	14.2	0.8	20	1	US-09-849-901-4	Sequence 4, Appl
C 119	15.8	0.9	20	1	US-10-159-856-109	Sequence 109, App	C 192	14.2	0.8	20	1	US-09-852-053-12	Sequence 12, Appl
C 120	15.8	0.9	20	1	US-10-361-725A-28	Sequence 28, Appl	C 193	14.2	0.8	20	1	US-09-824-322B-312	Sequence 312, App
C 121	15.8	0.9	21	1	US-10-148-835-83	Sequence 83, Appl	C 194	14.2	0.8	20	1	US-09-784-674-206	Sequence 206, App
C 122	15.8	0.9	21	1	US-10-420-194-488	Sequence 488, App	C 195	14.2	0.8	20	1	US-09-784-674-208	Sequence 208, App
C 123	15.8	0.9	21	1	US-10-420-194-492	Sequence 492, App	C 196	14.2	0.8	20	1	US-09-920-394-53	Sequence 53, Appl
C 124	15.8	0.9	21	1	US-10-420-194-998	Sequence 998, App	C 197	14.2	0.8	20	1	US-10-173-192-31	Sequence 31, Appl
C 125	15.8	0.9	21	1	US-10-420-194-1002	Sequence 1002, Ap	C 198	14.2	0.8	20	1	US-10-189-268-26	Sequence 26, Appl
C 126	15.8	0.9	22	1	US-10-002-623-162	Sequence 162, App	C 199	14.2	0.8	20	1	US-10-189-268-98	Sequence 98, Appl
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C 128	15.4	0.9	17	1	US-09-866-108-10637	Sequence 10637, A	C 201	14.2	0.8	20	1	US-10-190-366-344	Sequence 344, App
C 129	15.4	0.9	20	1	US-09-824-322B-95	Sequence 95, Appl	C 202	14.2	0.8	20	1	US-10-289-762-3559	Sequence 3559, App
C 130	15.4	0.9	20	1	US-10-289-762-1776	Sequence 1776, Ap	C 203	14.2	0.8	20	1	US-10-289-762-3643	Sequence 3643, Ap
C 131	15.4	0.9	22	1	US-09-864-636A-2633	Sequence 2633, Ap	C 204	14.2	0.8	20	1	US-10-289-762-6045	Sequence 6045, Ap
C 132	15.4	0.9	22	1	US-10-084-833-2633	Sequence 2633, Ap	C 205	14.2	0.8	20	1	US-10-289-762-6238	Sequence 6238, Ap
C 133	15.4	0.9	50	1	US-09-920-394-6	Sequence 6, Appl	C 206	14.2	0.8	20	1	US-10-289-762-6311	Sequence 6311, Ap
C 134	15.2	0.9	20	1	US-09-062-113-29	Sequence 29, Appl	C 207	14.2	0.8	20	1	US-10-349-143-9289	Sequence 269, Ap
C 135	15.2	0.9	20	1	US-09-881-013-172	Sequence 172, App	C 208	14.2	0.8	20	1	US-10-194-035-100	Sequence 22, App
C 136	15.2	0.9	20	1	US-09-784-674-207	Sequence 207, App	C 209	14.2	0.8	20	1	US-10-029-517-22	Sequence 17, Appl
C 137	15.2	0.9	20	1	US-09-898-556A-86	Sequence 86, Appl	C 210	14.2	0.8	20	1	US-10-169-983-17	Sequence 6, Appl
C 138	15.2	0.9	20	1	US-09-918-026A-28	Sequence 28, Appl	C 211	14.2	0.8	20	1	US-10-272-865-6	Sequence 6, Appl
C 139	15.2	0.9	20	1	US-09-920-394-45	Sequence 46, Appl	C 212	14.2	0.8	20	1	US-10-272-865-20	Sequence 20, Appl
C 140	15.2	0.9	20	1	US-09-920-394-50	Sequence 50, Appl	C 213	14.2	0.8	20	1	US-10-027-632-177916	Sequence 177916,
C 141	15.2	0.9	20	1	US-09-920-394-51	Sequence 51, Appl	C 214	14.2	0.8	20	1	US-10-027-632-177916	Sequence 177916,
C 142	15.2	0.9	20	1	US-09-920-394-54	Sequence 54, Appl	C 215	14.2	0.8	20	1	US-10-148-355A-36	Sequence 36, Appl
C 143	15.2	0.9	20	1	US-10-188-646-38	Sequence 38, Appl	C 216	14.2	0.8	20	1	US-10-148-835-30	Sequence 30, Appl
C 144	15.2	0.9	20	1	US-10-188-646-113	Sequence 113, App	C 217	14.2	0.8	20	1	US-10-068-160-35	Sequence 35, Appl
C 145	15.2	0.9	20	1	US-10-232-858-29	Sequence 29, Appl	C 218	14.2	0.8	20	1	US-10-068-160-65	Sequence 65, Appl
C 146	15.2	0.9	20	1	US-09-865-879-16	Sequence 16, Appl	C 219	14.2	0.8	20	1	US-10-278-547-35	Sequence 35, Appl
C 147	15.2	0.9	20	1	US-10-276-401-48	Sequence 48, Appl	C 220	14.2	0.8	20	1	US-10-278-547-37	Sequence 37, Appl
C 148	15.2	0.9	21	1	US-09-782-971-4	Sequence 4, Appl	C 221	14.2	0.8	20	1	US-10-154-251-82	Sequence 82, Appl
C 149	15.2	0.9	21	1	US-10-349-143-10840	Sequence 10840, A	C 222	14.2	0.8	20	1	US-10-001-076-54	Sequence 54, Appl
C 150	15.2	0.9	21	1	US-10-321-163-4	Sequence 4, Appl	C 223	14.2	0.8	20	1	US-10-105-004-116	Sequence 116, App
C 151	15	0.9	18	1	US-10-396-897-31	Sequence 31, Appl	C 224	14.2	0.8	20	1	US-10-058-422-13	Sequence 13, Appl
C 152	14.8	0.9	18	1	US-09-969-373-1632	Sequence 1632, Ap	C 225	14.2	0.8	20	1	US-10-327-185A-24	Sequence 24, Appl
C 153	14.8	0.9	19	1	US-09-771-730-139	Sequence 139, App	C 226	14.2	0.8	20	1	US-10-369-501-20	Sequence 20, Appl
C 154	14.8	0.9	19	1	US-10-400-382-273	Sequence 273, App	C 227	14.2	0.8	20	1	US-10-003-919-65	Sequence 65, Appl
C 155	14.8	0.9	20	1	US-09-791-243-39	Sequence 39, Appl	C 228	14.2	0.8	20	1	US-10-305-951-38	Sequence 38, Appl
C 156	14.8	0.9	20	1	US-09-948-977A-39	Sequence 39, Appl	C 229	14.2	0.8	20	1	US-10-008-789-81	Sequence 81, Appl
C 157	14.8	0.9	20	1	US-10-289-762-4180	Sequence 4180, Ap	C 230	14	0.8	17	1	US-09-866-108-1173	Sequence 1173, Ap
C 158	14.8	0.9	20	1	US-10-289-762-5641	Sequence 5641, Ap	C 231	14	0.8	17	1	US-09-866-108-1174	Sequence 1174, Ap
C 159	14.8	0.9	20	1	US-10-020-478-21	Sequence 21, Appl	C 232	14	0.8	17	1	US-09-866-108-1175	Sequence 1175, Ap
C 160	14.8	0.9	20	1	US-10-027-983-43	Sequence 43, Appl	C 233	14	0.8	18	1	US-09-866-108-1176	Sequence 1176, Ap
C 161	14.8	0.9	20	1	US-10-027-983-68	Sequence 68, Appl	C 234	14	0.8	17	1	US-10-349-143-7185	Sequence 7185, Ap
C 162	14.8	0.9	20	1	US-10-057-550-83	Sequence 83, Appl	C 235	14	0.8	20	1	US-10-349-143-4532	Sequence 4532, Ap
C 163	14.8	0.9	20	1	US-10-243-035-5	Sequence 5, Appl	C 236	14	0.8	20	1	US-10-413-255-2	Sequence 2, Appl
C 164	14.8	0.9	20	1	US-10-058-422-14	Sequence 14, Appl	C 237	14	0.8	20	1	US-10-021-707-21	Sequence 21, Appl
C 165	14.8	0.9	21	1	US-10-349-143-8238	Sequence 8238, Ap	C 238	13.8	0.8	17	1	US-09-866-108-6751	Sequence 6751, Ap
C 166	14.8	0.9	21	1	US-10-149-930-41	Sequence 41, Appl	C 239	13.8	0.8	17	1	US-09-866-108-8312	Sequence 8312, Ap
C 167	14.8	0.9	21	1	US-10-005-956-1217	Sequence 1217, Ap	C 240	13.8	0.8	17	1	US-09-866-108-9107	Sequence 9107, Ap
C 168	14.4	0.8	17	1	US-09-866-108-6760	Sequence 6760, Ap	C 241	13.8	0.8	17	1	US-09-825-805-789	Sequence 789, App
C 169	14.4	0.8	17	1	US-09-866-108-6762	Sequence 6762, Ap	C 242	13.8	0.8	17	1	US-09-825-805-1533	Sequence 1533, Ap
C 170	14.4	0.8	17	1	US-09-866-108-10636	Sequence 10636, A	C 243	13.8	0.8	17	1	US-09-730-2898-192	Sequence 192, App
C 171	14.4	0.8	17	1	US-09-866-108-10638	Sequence 10638, A	C 244	13.8	0.8	17	1	US-09-877-478-758	Sequence 758, App
C 172	14.4	0.8	17	1	US-10-339-793-185	Sequence 185, App	C 245	13.8	0.8	17	1	US-09-093-972C-782	Sequence 782, App
C 173	14.4	0.8	18	1	US-10-440-850-1008	Sequence 1008, Ap	C 246	13.8	0.8	17	1	US-09-176-474-172	Sequence 172, App
C 174	14.4	0.8	18	1	US-10-067-125-96	Sequence 96, Appl	C 247	13.8	0.8	17	1	US-09-776-474-1097	Sequence 1097, Ap
C 175	14.4	0.8	19	1	US-10-230-880-129	Sequence 129, App	C 248	13.8	0.8	17	1	US-09-780-164-99	Sequence 99, Appl
C 176	14.4	0.8	20	1	US-09-850-165-22	Sequence 22, Appl	C 249	13.8	0.8	17	1	US-09-780-164-907	Sequence 907, App
C 177	14.4	0.8	20	1	US-09-912-724-32	Sequence 32, Appl	C 250	13.8	0.8	17	1	US-09-740-332-3481	Sequence 3481, Ap
C 178	14.4	0.8	20	1	US-10-189-266-85	Sequence 85, Appl	C 251	13.8	0.8	17	1	US-09-817-879-3481	Sequence 3481, Ap
C 179	14.4	0.8	20	1	US-10-189-266-147	Sequence 147, App	C 252	13.8	0.8	17	1	US-10-163-552-701	Sequence 701, App

c 253	13.8	0.8	17	1	US-10-156-306-6801	Sequence 6801, Ap	326	13.4	0.8	17	1	US-10-060-998-916	Sequence 916, App
254	13.8	0.8	17	1	US-10-156-306-6855	Sequence 6855, Ap	327	13.4	0.8	17	1	US-10-060-998-917	Sequence 917, App
255	13.8	0.8	17	1	US-10-156-306-6931	Sequence 6931, Ap	328	13.4	0.8	17	1	US-10-060-998-918	Sequence 918, App
256	13.8	0.8	18	1	US-09-878-582-31	Sequence 31, Appl	329	13.4	0.8	17	1	US-10-163-552-625	Sequence 625, App
257	13.8	0.8	18	1	US-09-969-373-1788	Sequence 1788, Ap	330	13.4	0.8	17	1	US-10-282-958-23	Sequence 23, Appl
258	13.8	0.8	18	1	US-09-093-372-765	Sequence 765, App	331	13.4	0.8	18	1	US-09-730-617-16	Sequence 16, Appl
259	13.8	0.8	18	1	US-09-093-372-761	Sequence 761, App	332	13.4	0.8	18	1	US-09-923-246-17	Sequence 17, Appl
c 260	13.8	0.8	18	1	US-10-388-263-316	Sequence 316, App	333	13.4	0.8	18	1	US-10-349-143-4504	Sequence 4504, Ap
261	13.8	0.8	18	1	US-10-388-263-852	Sequence 852, App	334	13.4	0.8	18	1	US-10-349-143-5288	Sequence 5288, Ap
262	13.8	0.8	18	1	US-10-336-2133-31	Sequence 31, Appl	335	13.4	0.8	18	1	US-10-243-072-34	Sequence 34, Appl
c 263	13.8	0.8	18	1	US-10-349-143-8586	Sequence 8586, Ap	336	13.4	0.8	18	1	US-10-414-186-34	Sequence 34, Appl
c 264	13.8	0.8	18	1	US-10-300-215-206	Sequence 206, App	337	13.4	0.8	18	1	US-10-117-323-10	Sequence 10, Appl
c 265	13.8	0.8	18	1	US-10-300-215-222	Sequence 222, App	338	13.4	0.8	18	1	US-10-067-125-95	Sequence 95, Appl
c 266	13.8	0.8	18	1	US-10-156-610-11	Sequence 11, Appl	339	13.4	0.8	18	1	US-10-295-723-17	Sequence 17, Appl
267	13.8	0.8	19	1	US-09-093-972-747	Sequence 747, App	340	13.4	0.8	19	1	US-09-969-373-4343	Sequence 4343, Ap
268	13.8	0.8	19	1	US-09-093-972-764	Sequence 764, App	341	13.4	0.8	19	1	US-10-360-705-37	Sequence 37, Appl
269	13.8	0.8	19	1	US-09-093-972-780	Sequence 780, App	342	13.4	0.8	19	1	US-10-060-301-8	Sequence 8, Appl
c 270	13.8	0.8	19	1	US-09-864-636A-2547	Sequence 2547, Ap	343	13.2	0.8	18	1	US-09-875-338-53	Sequence 53, Appl
c 271	13.8	0.8	19	1	US-10-224-005-23	Sequence 23, Appl	344	13.2	0.8	18	1	US-09-350-206-24	Sequence 24, Appl
c 272	13.8	0.8	19	1	US-10-224-005-184	Sequence 184, App	345	13.2	0.8	18	1	US-09-901-484A-390	Sequence 390, App
c 273	13.8	0.8	19	1	US-10-300-215-183	Sequence 183, App	346	13.2	0.8	18	1	US-09-969-373-2266	Sequence 2266, Ap
c 274	13.8	0.8	19	1	US-10-300-215-236	Sequence 236, App	347	13.2	0.8	18	1	US-09-969-373-3993	Sequence 3993, Ap
c 275	13.8	0.8	19	1	US-10-334-703-13	Sequence 13, Appl	348	13.2	0.8	18	1	US-09-918-186A-124	Sequence 124, App
c 276	13.8	0.8	19	1	US-10-334-703-24	Sequence 24, Appl	349	13.2	0.8	18	1	US-09-853-526-390	Sequence 390, App
c 277	13.8	0.8	19	1	US-10-133-779-260	Sequence 260, App	350	13.2	0.8	18	1	US-09-349-755-24	Sequence 24, Appl
c 278	13.8	0.8	19	1	US-10-308-379-9	Sequence 9, Appl	351	13.2	0.8	18	1	US-09-166-334-24	Sequence 24, Appl
c 279	13.8	0.8	19	1	US-10-084-839-2547	Sequence 2547, Ap	352	13.2	0.8	18	1	US-09-927-737-78	Sequence 78, Appl
c 280	13.8	0.8	19	1	US-10-244-647-291	Sequence 291, App	353	13.2	0.8	18	1	US-10-108-260A-5058	Sequence 5058, Ap
c 281	13.8	0.8	19	1	US-10-244-647-300	Sequence 300, App	354	13.2	0.8	18	1	US-10-349-143-5253	Sequence 5253, Ap
c 282	13.8	0.8	19	1	US-10-244-647-937	Sequence 937, App	355	13.2	0.8	18	1	US-10-349-143-5420	Sequence 5420, Ap
c 283	13.8	0.8	19	1	US-10-244-647-946	Sequence 946, App	356	13.2	0.8	18	1	US-10-349-143-9769	Sequence 9769, Ap
c 284	13.8	0.8	19	1	US-10-396-122-13	Sequence 13, Appl	357	13.2	0.8	18	1	US-10-361-208-289	Sequence 289, App
c 285	13.8	0.8	19	1	US-10-396-122-24	Sequence 24, Appl	358	13.2	0.8	18	1	US-10-361-208-303	Sequence 303, App
c 286	13.6	0.8	20	1	US-09-050-516-35	Sequence 35, Appl	359	13.2	0.8	18	1	US-10-361-208-317	Sequence 317, App
c 287	13.6	0.8	20	1	US-09-050-516-37	Sequence 37, Appl	360	13.2	0.8	18	1	US-10-037-616-13	Sequence 13, Appl
c 288	13.6	0.8	20	1	US-10-278-547-35	Sequence 35, Appl	361	13.2	0.8	18	1	US-10-077-023-53	Sequence 53, Appl
c 289	13.6	0.8	20	1	US-10-278-547-37	Sequence 37, Appl	362	13.2	0.8	18	1	US-10-068-160-19	Sequence 19, Appl
c 290	13.4	0.8	15	1	US-09-504-231A-763	Sequence 763, App	363	13.2	0.8	18	1	US-10-282-958-24	Sequence 24, Appl
c 291	13.4	0.8	15	1	US-09-274-5530-763	Sequence 763, App	364	13.2	0.8	18	1	US-10-234-764-2	Sequence 2, Appl
c 292	13.4	0.8	15	1	US-10-420-194-166	Sequence 166, App	365	13	0.8	15	1	US-10-440-850-50	Sequence 50, Appl
c 293	13.4	0.8	15	1	US-10-440-850-51	Sequence 51, Appl	366	13	0.8	15	1	US-10-058-432-15	Sequence 15, Appl
c 294	13.4	0.8	17	1	US-09-866-108-6520	Sequence 6520, Ap	367	13	0.8	16	1	US-10-331-873-46	Sequence 46, Appl
c 295	13.4	0.8	17	1	US-09-866-108-6521	Sequence 6521, Ap	368	13	0.8	17	1	US-09-866-108-1172	Sequence 1172, Ap
c 296	13.4	0.8	17	1	US-09-866-108-6522	Sequence 6522, Ap	369	13	0.8	17	1	US-09-866-108-1177	Sequence 1177, Ap
c 297	13.4	0.8	17	1	US-09-866-108-6759	Sequence 6759, Ap	370	13	0.8	17	1	US-09-866-108-6523	Sequence 6523, Ap
c 298	13.4	0.8	17	1	US-09-866-108-6763	Sequence 6763, Ap	371	13	0.8	17	1	US-09-866-108-6524	Sequence 6524, Ap
c 299	13.4	0.8	17	1	US-09-866-108-7246	Sequence 7246, Ap	372	13	0.8	17	1	US-09-866-108-7182	Sequence 7182, Ap
c 300	13.4	0.8	17	1	US-09-866-108-7247	Sequence 7247, Ap	373	13	0.8	17	1	US-09-866-108-7183	Sequence 7183, Ap
c 301	13.4	0.8	17	1	US-09-866-108-7248	Sequence 7248, Ap	374	13	0.8	17	1	US-09-866-108-7184	Sequence 7184, Ap
c 302	13.4	0.8	17	1	US-09-866-108-10635	Sequence 10635, A	375	13	0.8	17	1	US-09-866-108-7185	Sequence 7185, Ap
c 303	13.4	0.8	17	1	US-09-866-108-10639	Sequence 10639, A	376	13	0.8	17	1	US-09-866-108-7186	Sequence 7186, Ap
c 304	13.4	0.8	17	1	US-09-350-206-23	Sequence 23, Appl	377	13	0.8	17	1	US-09-818-875-4010	Sequence 4010, Ap
c 305	13.4	0.8	17	1	US-09-349-755-23	Sequence 23, Appl	378	13	0.8	17	1	US-09-818-875-4011	Sequence 4011, Ap
c 306	13.4	0.8	17	1	US-09-166-334-23	Sequence 23, Appl	379	13	0.8	17	1	US-09-780-533A-1736	Sequence 1736, Ap
c 307	13.4	0.8	17	1	US-09-864-785-589	Sequence 589, App	380	13	0.8	17	1	US-09-780-533A-2025	Sequence 2025, Ap
c 308	13.4	0.8	17	1	US-09-864-785-1658	Sequence 1658, App	381	13	0.8	17	1	US-09-780-533A-2282	Sequence 2282, Ap
c 309	13.4	0.8	17	1	US-09-864-785-2752	Sequence 2752, Ap	382	13	0.8	17	1	US-09-848-754A-317	Sequence 317, App
c 310	13.4	0.8	17	1	US-09-864-785-2753	Sequence 2753, Ap	383	13	0.8	17	1	US-09-848-754A-2904	Sequence 2904, Ap
c 311	13.4	0.8	17	1	US-09-730-289B-193	Sequence 193, App	384	13	0.8	17	1	US-09-848-754A-3489	Sequence 3489, Ap
c 312	13.4	0.8	17	1	US-09-780-533A-2088	Sequence 2088, Ap	385	13	0.8	17	1	US-09-848-754A-3490	Sequence 3490, Ap
c 313	13.4	0.8	17	1	US-09-780-533A-2579	Sequence 2579, Ap	386	13	0.8	17	1	US-10-338-777-128	Sequence 128, App
c 314	13.4	0.8	17	1	US-09-780-533A-2701	Sequence 2701, Ap	387	13	0.8	17	1	US-10-209-787-4010	Sequence 4010, Ap
c 315	13.4	0.8	17	1	US-09-877-478-1954	Sequence 1954, Ap	388	13	0.8	17	1	US-10-209-787-4011	Sequence 4011, Ap
c 316	13.4	0.8	17	1	US-10-740-332-1074	Sequence 1074, Ap	389	13	0.8	17	1	US-10-060-998-919	Sequence 919, App
c 317	13.4	0.8	17	1	US-10-395-031-23	Sequence 23, Appl	390	13	0.8	17	1	US-10-060-998-920	Sequence 920, App
c 318	13.4	0.8	17	1	US-10-238-700-421	Sequence 421, App	391	13	0.8	18	1	US-09-969-373-2262	Sequence 2262, Ap
c 319	13.4	0.8	17	1	US-09-817-879-1074	Sequence 1074, App	392	13	0.8	18	1	US-09-969-373-3996	Sequence 3996, Ap
c 320	13.4	0.8	17	1	US-10-060-756A-164	Sequence 164, App	393	13	0.8	18	1	US-09-969-373-4137	Sequence 4137, Ap
c 321	13.4	0.8	17	1	US-10-060-756A-165	Sequence 165, App	394	13	0.8	18	1	US-10-168-424-38	Sequence 38, Appl
c 322	13.4	0.8	17	1	US-10-060-756A-166	Sequence 166, App	c 395	12.8	0.7	16	1	US-09-880-313A-77	Sequence 77, Appl
c 323	13.4	0.8	17	1	US-10-060-756A-885	Sequence 885, App	396	12.8	0.7	16	1	US-09-093-972C-783	Sequence 783, App
c 324	13.4	0.8	17	1	US-10-060-756A-886	Sequence 886, App	397	12.8	0.7	16	1	US-09-093-972C-798	Sequence 798, App
c 325	13.4	0.8	17	1	US-10-060-756A-887	Sequence 887, App	c 398	12.8	0.7	16	1	US-10-376-341-52	Sequence 52, Appl

399	12.8	0.7	16	1	US-10-108-164-64	Sequence 64, Appl	C 472	12.8	0.7	17	1	US-09-827-395A-766	Sequence 766, App
C 400	12.8	0.7	17	1	US-09-866-108-1333	Sequence 1333, Ap	C 473	12.8	0.7	17	1	US-09-740-332-656	Sequence 656, App
C 401	12.8	0.7	17	1	US-09-866-108-1334	Sequence 1334, Ap	C 474	12.8	0.7	17	1	US-09-740-332-1376	Sequence 1376, Ap
C 402	12.8	0.7	17	1	US-09-866-108-2497	Sequence 2497, Ap	C 475	12.8	0.7	17	1	US-09-740-332-2217	Sequence 2217, Ap
C 403	12.8	0.7	17	1	US-09-866-108-3498	Sequence 3498, Ap	C 476	12.8	0.7	17	1	US-09-740-332-2579	Sequence 2579, Ap
C 404	12.8	0.7	17	1	US-09-866-108-6225	Sequence 6225, Ap	C 477	12.8	0.7	17	1	US-09-740-332-3797	Sequence 3797, Ap
C 405	12.8	0.7	17	1	US-09-866-108-6226	Sequence 6226, Ap	C 478	12.8	0.7	17	1	US-09-740-332-3899	Sequence 3899, Ap
C 406	12.8	0.7	17	1	US-09-866-108-6268	Sequence 6268, Ap	C 479	12.8	0.7	17	1	US-10-376-341-54	Sequence 54, Appl
C 407	12.8	0.7	17	1	US-09-866-108-6269	Sequence 6269, Ap	C 480	12.8	0.7	17	1	US-10-376-341-55	Sequence 55, Appl
C 408	12.8	0.7	17	1	US-09-866-108-6750	Sequence 6750, Ap	C 481	12.8	0.7	17	1	US-09-745-237A-444	Sequence 444, App
C 409	12.8	0.7	17	1	US-09-866-108-6752	Sequence 6752, Ap	C 482	12.8	0.7	17	1	US-09-745-237A-445	Sequence 445, App
C 410	12.8	0.7	17	1	US-09-866-108-7575	Sequence 7575, Ap	C 483	12.8	0.7	17	1	US-09-745-237A-470	Sequence 470, App
C 411	12.8	0.7	17	1	US-09-866-108-7576	Sequence 7576, Ap	C 484	12.8	0.7	17	1	US-09-745-237A-471	Sequence 471, App
C 412	12.8	0.7	17	1	US-09-866-108-8311	Sequence 8311, Ap	C 485	12.8	0.7	17	1	US-09-745-237A-590	Sequence 590, App
C 413	12.8	0.7	17	1	US-09-866-108-8313	Sequence 8313, Ap	C 486	12.8	0.7	17	1	US-09-745-237A-1085	Sequence 1085, App
C 414	12.8	0.7	17	1	US-09-866-108-8316	Sequence 8316, Ap	C 487	12.8	0.7	17	1	US-09-745-237A-1526	Sequence 1526, Ap
C 415	12.8	0.7	17	1	US-09-866-108-8317	Sequence 8317, Ap	C 488	12.8	0.7	17	1	US-09-745-237A-1527	Sequence 1527, Ap
C 416	12.8	0.7	17	1	US-09-866-108-9106	Sequence 9106, Ap	C 489	12.8	0.7	17	1	US-09-792-818-771	Sequence 771, App
C 417	12.8	0.7	17	1	US-09-866-108-9108	Sequence 9108, Ap	C 490	12.8	0.7	17	1	US-09-792-818-780	Sequence 780, App
C 418	12.8	0.7	17	1	US-09-953-342-16	Sequence 16, Appl	C 491	12.8	0.7	17	1	US-09-792-818-781	Sequence 781, App
C 419	12.8	0.7	17	1	US-09-872-462-159	Sequence 159, App	C 492	12.8	0.7	17	1	US-10-238-700-2879	Sequence 2879, App
C 420	12.8	0.7	17	1	US-09-872-462-160	Sequence 160, App	C 493	12.8	0.7	17	1	US-10-238-700-3140	Sequence 3140, App
C 421	12.8	0.7	17	1	US-09-825-805-422	Sequence 422, App	C 494	12.8	0.7	17	1	US-10-061-201-1063	Sequence 1063, App
C 422	12.8	0.7	17	1	US-09-825-805-609	Sequence 609, App	C 495	12.8	0.7	17	1	US-10-061-201-1064	Sequence 1064, App
C 423	12.8	0.7	17	1	US-09-961-077-130	Sequence 130, App	C 496	12.8	0.7	17	1	US-10-061-201-1822	Sequence 1822, App
C 424	12.8	0.7	17	1	US-09-961-077-190	Sequence 190, App	C 497	12.8	0.7	17	1	US-10-061-201-1823	Sequence 1823, App
C 425	12.8	0.7	17	1	US-09-961-077-697	Sequence 697, App	C 498	12.8	0.7	17	1	US-10-061-201-2025	Sequence 2025, App
C 426	12.8	0.7	17	1	US-09-961-077-720	Sequence 720, App	C 499	12.8	0.7	17	1	US-10-061-201-2026	Sequence 2026, App
C 427	12.8	0.7	17	1	US-09-730-289B-214	Sequence 214, App	C 500	12.8	0.7	17	1	US-10-339-783-412	Sequence 412, App
C 428	12.8	0.7	17	1	US-09-818-875-819	Sequence 819, App	C 501	12.8	0.7	17	1	US-09-817-879-656	Sequence 656, App
C 429	12.8	0.7	17	1	US-09-818-875-820	Sequence 820, App	C 502	12.8	0.7	17	1	US-09-817-879-1976	Sequence 1976, App
C 430	12.8	0.7	17	1	US-09-818-875-1047	Sequence 1047, Ap	C 503	12.8	0.7	17	1	US-09-817-879-2217	Sequence 2217, App
C 431	12.8	0.7	17	1	US-09-818-875-1048	Sequence 1048, Ap	C 504	12.8	0.7	17	1	US-09-817-879-2579	Sequence 2579, App
C 432	12.8	0.7	17	1	US-09-780-533A-492	Sequence 492, App	C 505	12.8	0.7	17	1	US-09-817-879-3997	Sequence 3997, App
C 433	12.8	0.7	17	1	US-09-780-533A-1093	Sequence 1093, Ap	C 506	12.8	0.7	17	1	US-09-817-879-3999	Sequence 3999, App
C 434	12.8	0.7	17	1	US-09-780-533A-2240	Sequence 2240, Ap	C 507	12.8	0.7	17	1	US-10-339-793-292	Sequence 292, App
C 435	12.8	0.7	17	1	US-09-877-478-72	Sequence 48, Appl	C 508	12.8	0.7	17	1	US-10-338-777-371	Sequence 371, App
C 436	12.8	0.7	17	1	US-09-877-478-72	Sequence 72, Appl	C 509	12.8	0.7	17	1	US-09-891-093-8	Sequence 8, Appl
C 437	12.8	0.7	17	1	US-09-877-478-315	Sequence 73, Appl	C 510	12.8	0.7	17	1	US-10-209-787-819	Sequence 819, App
C 438	12.8	0.7	17	1	US-09-877-478-315	Sequence 315, App	C 511	12.8	0.7	17	1	US-10-209-787-820	Sequence 820, App
C 439	12.8	0.7	17	1	US-09-877-478-399	Sequence 399, App	C 512	12.8	0.7	17	1	US-10-209-787-1047	Sequence 1047, App
C 440	12.8	0.7	17	1	US-09-877-478-400	Sequence 400, App	C 513	12.8	0.7	17	1	US-10-209-787-1048	Sequence 1048, App
C 441	12.8	0.7	17	1	US-09-877-478-726	Sequence 726, App	C 514	12.8	0.7	17	1	US-10-106-831-4	Sequence 4, Appl
C 442	12.8	0.7	17	1	US-09-877-478-1006	Sequence 1006, App	C 515	12.8	0.7	17	1	US-10-106-831-17	Sequence 17, Appl
C 443	12.8	0.7	17	1	US-09-877-478-1008	Sequence 1008, Ap	C 516	12.8	0.7	17	1	US-10-060-830-134	Sequence 134, App
C 444	12.8	0.7	17	1	US-09-877-478-1393	Sequence 1393, Ap	C 517	12.8	0.7	17	1	US-10-060-830-135	Sequence 135, App
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C 446	12.8	0.7	17	1	US-09-877-478-1498	Sequence 1498, Ap	C 519	12.8	0.7	17	1	US-10-060-895A-145	Sequence 145, App
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C 466	12.8	0.7	17	1	US-09-930-423-1527	Sequence 1527, Ap	C 539	12.8	0.7	18	1	US-09-969-373-454	Sequence 4254, App
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ALIGNMENTS

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RESULT 1
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; Publication No. US20030096773A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; APPLICANT: Kristina M. Lemonidis
; TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COENZYME A CHOLESTEROL ACYLTRANSFERASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: ISPH-0589
; CURRENT APPLICATION NUMBER: US/09/920,394
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 62
; SEQ ID NO 6
; LENGTH: 50
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Probe
US-09-920-394-6

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Query Match 2.9%; Score 50; DB 1; Length 50;
Best Local Similarity 100.0%; Pred. No. 0.00018;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 2
US-10-115-479-197
; Sequence 197, Application US/10115479
; Publication No. US20040006205A1

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; GENERAL INFORMATION:
; APPLICANT: Li, Li
; APPLICANT: Gerlach, Valerie L.
; APPLICANT: Liu Xiaohong
; APPLICANT: Miller, Charles E.
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Zerhusen, Bryan D.
; APPLICANT: Pena, Carol E.A.
; APPLICANT: Shenoy, Suresh G.
; APPLICANT: Zhong, Haihong
; APPLICANT: Smithson, Glenda
; APPLICANT: Casman, Stacie J.
; APPLICANT: Boldog, Ferenc L.;
; APPLICANT: Voss, Edward
; APPLICANT: Vernet, Corine
; APPLICANT: MacDougall, John A.
; APPLICANT: Rastelli, Luca
; APPLICANT: Anderson, David W.
; APPLICANT: Zhong, Mei
; APPLICANT: Mezes, Peter S.
; APPLICANT: Furtak, Katarzyna
; APPLICANT: Patturajan, Meera
; APPLICANT: Burgess, Catherine E.
; APPLICANT: Malyanker, Uriel M.
; APPLICANT: Shinkete, Richard A.
; APPLICANT: Taupier, Raymond J.
; APPLICANT: Edinger, Shlomit R.
; APPLICANT: Mazur, Ann
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHODS
; FILE REFERENCE: 21402-322 B (Cura 622 PT)
; CURRENT APPLICATION NUMBER: US/10/115,479
; CURRENT FILING DATE: 2002-11-18
; PRIOR APPLICATION NUMBER: 60/281,136
; PRIOR FILING DATE: 2001-04-03
; PRIOR APPLICATION NUMBER: 60/281,863
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 60/281,906
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 60/282,934
; PRIOR FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: 60/283,657
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 60/283,678
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 60/283,687
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 60/283,710
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 60/284,234
; PRIOR FILING DATE: 2001-04-17
; PRIOR APPLICATION NUMBER: 60/285,325
; PRIOR FILING DATE: 2001-04-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 198
; SEQ ID NO 197
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: probe
US-10-115-479-197

```

```

Query Match 1.3%; Score 22.8; DB 1; Length 26;
Best Local Similarity 92.3%; Pred. No. 9.4;
Matches 24; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1667 TCTGGACCAACCTCTTTCGCAAGAAG 1692
|||||
DB 1 TCTGGACCAACCTCTTTCGCAAGAAG 26
|||||

```

```

RESULT 3
US-10-115-479-196

```

```
; Sequence 196, Application US/10115479
; Publication No. US20040006205A1
; GENERAL INFORMATION:
; APPLICANT: Li, Li
; APPLICANT: Gerlach, Valerie L.
; APPLICANT: Liu, Xiaohong
; APPLICANT: Miller, Charles E.
; APPLICANT: Szytek, Kimberly A.
; APPLICANT: Zernhusen, Bryan D.
; APPLICANT: Pena, Carol E.A.
; APPLICANT: Shenoy, Suresh G.
; APPLICANT: Zhong, Haihong
; APPLICANT: Smithson, Glendda
; APPLICANT: Casman, Stacie J.
; APPLICANT: Boldog, Ferenc L.;
; APPLICANT: Voss, Edward
; APPLICANT: Vernet, Corine
; APPLICANT: MacDougall, John A.
; APPLICANT: Rastelli, Luca
; APPLICANT: Anderson, David W.
; APPLICANT: Zhong, Mei
; APPLICANT: Mezes, Peter S.
; APPLICANT: Furtak, Katarzyna
; APPLICANT: Patturajan, Meera
; APPLICANT: Burgess, Catherine E.
; APPLICANT: Malyanker, Uriel M.
; APPLICANT: Shinkets, Richard A.
; APPLICANT: Taupier, Raymond J.
; APPLICANT: Edinger, Shlomit R.
; APPLICANT: Mszut, Ann
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
; FILE REFERENCE: 21402-322 B (Cura 622 PT)
; CURRENT APPLICATION NUMBER: US/10/115,479
; CURRENT FILING DATE: 2002-11-18
; PRIOR APPLICATION NUMBER: 60/281,136
; PRIOR FILING DATE: 2001-04-03
; PRIOR APPLICATION NUMBER: 60/281,863
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 60/281,906
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 60/282,934
; PRIOR FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: 60/283,657
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 60/283,678
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 60/283,687
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 60/283,710
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 60/284,234
; PRIOR FILING DATE: 2001-04-17
; PRIOR APPLICATION NUMBER: 60/285,325
; PRIOR FILING DATE: 2001-04-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 198
; SEQ ID NO 196
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Forward Primer
US-10-115-479-196
```

```
Query Match 1.2%; Score 20.4; DB 1; Length 22;
Best Local Similarity 95.5%; Pred.No.20;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 1644 GCTGAAGGACAAGAAGTAGCT 1665
      |||||
Db 1 GCTGAAGGACAAGAAGTAGCT 22
```

```
RESULT 4
US-09-920-394-4
; Sequence 4, Application US/09920394
; Publication No. US20030096773A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; APPLICANT: Kristina M. Lemonidis
; TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COENZYME A CHOLESTEROL ACYLTRANSFERASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: ISPH-0589
; CURRENT APPLICATION NUMBER: US/09/920,394
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 62
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-09-920-394-4
```

```
Query Match 1.2%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No.19;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1513 ATGGTGATGAATTCGGC 1532
      |||||
Db 1 ATGGTGATGAATTCGGC 20
```

```
RESULT 5
US-09-920-394-5/c
; Sequence 5, Application US/09920394
; Publication No. US20030096773A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; APPLICANT: Kristina M. Lemonidis
; TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COENZYME A CHOLESTEROL ACYLTRANSFERASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: ISPH-0589
; CURRENT APPLICATION NUMBER: US/09/920,394
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 62
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-09-920-394-5
```

```
Query Match 1.2%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No.19;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1685 CCAAGAGCGCAGTCGAGAG 1704
      |||||
Db 20 CCAAGAGCGCAGTCGAGAG 1
```

```
RESULT 6
US-09-920-394-17/c
; Sequence 17, Application US/09920394
; Publication No. US20030096773A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; APPLICANT: Kristina M. Lemonidis
; TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COENZYME A CHOLESTEROL ACYLTRANSFERASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: ISPH-0589
```

; CURRENT APPLICATION NUMBER: US/09/920,394
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 62
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-394-17

Query Match 1.2%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 19;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 14 TGTGCGCCCTTACGATGGG 33
Db 20 TGTGCGCCCTTACGATGGG 1

RESULT 7
US-09-920-394-18/c
; Sequence 18, Application US/09920394
; Publication No. US20030096773A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; APPLICANT: Kristina M. Lemonidis
; TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COENZYME A CHOLESTEROL ACYLTRANSFERASE
; FILE REFERENCE: ISPH-0589
; CURRENT APPLICATION NUMBER: US/09/920,394
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 62
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-394-18

Query Match 1.2%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 19;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 61 TGTGCTTCGCGGCTTGGGG 80
Db 20 TGTGCTTCGCGGCTTGGGG 1

RESULT 8
US-09-920-394-19/c
; Sequence 19, Application US/09920394
; Publication No. US20030096773A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; APPLICANT: Kristina M. Lemonidis
; TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COENZYME A CHOLESTEROL ACYLTRANSFERASE
; FILE REFERENCE: ISPH-0589
; CURRENT APPLICATION NUMBER: US/09/920,394
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 62
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-394-19

Query Match 1.2%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 19;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 121 GGCAGAGTCTGGGGAAGTT 140
Db 20 GGCAGAGTCTGGGGAAGTT 1

RESULT 9
US-09-920-394-20/c
; Sequence 20, Application US/09920394
; Publication No. US20030096773A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; APPLICANT: Kristina M. Lemonidis
; TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COENZYME A CHOLESTEROL ACYLTRANSFERASE
; FILE REFERENCE: ISPH-0589
; CURRENT APPLICATION NUMBER: US/09/920,394
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 62
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-394-20

Query Match 1.2%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 19;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 261 GAAGAATGCCACCTCGTACC 280
Db 20 GAAGAATGCCACCTCGTACC 1

RESULT 10
US-09-920-394-21/c
; Sequence 21, Application US/09920394
; Publication No. US20030096773A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; APPLICANT: Kristina M. Lemonidis
; TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COENZYME A CHOLESTEROL ACYLTRANSFERASE
; FILE REFERENCE: ISPH-0589
; CURRENT APPLICATION NUMBER: US/09/920,394
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 62
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-394-21

Query Match 1.2%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 19;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 431 CGGTGATGGTGGATCCAC 450
Db 20 CGGTGATGGTGGATCCAC 1

RESULT 11
US-09-920-394-22/c

```
; Sequence 22, Application US/09920394
; Publication No. US20030096773A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; APPLICANT: Kristina M. Lemonidis
; TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COENZYME A CHOLESTEROL ACYLTRANSFERASE
; FILE REFERENCE: ISPH-0589
; CURRENT APPLICATION NUMBER: US/09/920,394
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 62
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-394-22
```

```
Query Match 1.2%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 19;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 551 TCTGGGATTCACGACCA 570
Db 20 TCTGGGATTCACGACCA 1
```

RESULT 12

```
US-09-920-394-23/c
; Sequence 23, Application US/09920394
; Publication No. US20030096773A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; APPLICANT: Kristina M. Lemonidis
; TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COENZYME A CHOLESTEROL ACYLTRANSFERASE
; FILE REFERENCE: ISPH-0589
; CURRENT APPLICATION NUMBER: US/09/920,394
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 62
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-394-23
```

```
Query Match 1.2%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 19;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 621 CCTGCGTGGTCCAGGACA 640
Db 20 CCTGCGTGGTCCAGGACA 1
```

RESULT 13

```
US-09-920-394-24/c
; Sequence 24, Application US/09920394
; Publication No. US20030096773A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; APPLICANT: Kristina M. Lemonidis
; TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COENZYME A CHOLESTEROL ACYLTRANSFERASE
; FILE REFERENCE: ISPH-0589
; CURRENT APPLICATION NUMBER: US/09/920,394
; CURRENT FILING DATE: 2001-08-01
```

```
; NUMBER OF SEQ ID NOS: 62
; SEQ ID NO 24
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-394-24
```

```
Query Match 1.2%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 19;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 681 CTTTGGAGATCAGCGGAG 700
Db 20 CTTTGGAGATCAGCGGAG 1
```

RESULT 14

```
US-09-920-394-25/c
; Sequence 25, Application US/09920394
; Publication No. US20030096773A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; APPLICANT: Kristina M. Lemonidis
; TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COENZYME A CHOLESTEROL ACYLTRANSFERASE
; FILE REFERENCE: ISPH-0589
; CURRENT APPLICATION NUMBER: US/09/920,394
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 62
; SEQ ID NO 25
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-394-25
```

```
Query Match 1.2%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 19;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 741 GAACCTCTTCCACGGGCCA 760
Db 20 GAACCTCTTCCACGGGCCA 1
```

RESULT 15

```
US-09-920-394-26/c
; Sequence 26, Application US/09920394
; Publication No. US20030096773A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; APPLICANT: Kristina M. Lemonidis
; TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COENZYME A CHOLESTEROL ACYLTRANSFERASE
; FILE REFERENCE: ISPH-0589
; CURRENT APPLICATION NUMBER: US/09/920,394
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 62
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-394-26
```

```
Query Match 1.2%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 19;
```

```
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 831 AATTGCTATCACTGCTGGT 850
Db 20 AATTGCTATCACTGCTGGT 1
RESULT 16
US-09-920-394-27/c
; Sequence 27, Application US/09920394
; Publication No. US20030096773A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; APPLICANT: Kristina M. Lemonidis
; TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COENZYME A CHOLESTEROL ACYLTRANSFERASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: ISPH-0589
; CURRENT APPLICATION NUMBER: US/09/920,394
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 62
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-394-27
Query Match 1.2%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 19;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 881 ACTGCTCGCAGACAGAGC 900
Db 20 ACTGCTCGCAGACAGAGC 1
RESULT 17
US-09-920-394-28/c
; Sequence 28, Application US/09920394
; Publication No. US20030096773A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; APPLICANT: Kristina M. Lemonidis
; TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COENZYME A CHOLESTEROL ACYLTRANSFERASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: ISPH-0589
; CURRENT APPLICATION NUMBER: US/09/920,394
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 62
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-394-28
Query Match 1.2%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 19;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 981 CCTTCTGGGCACTGTGATTG 1000
Db 20 CCTTCTGGGCACTGTGATTG 1
RESULT 18
US-09-920-394-29/c
; Sequence 29, Application US/09920394
; Publication No. US20030096773A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; APPLICANT: Kristina M. Lemonidis
; TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COENZYME A CHOLESTEROL ACYLTRANSFERASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: ISPH-0589
; CURRENT APPLICATION NUMBER: US/09/920,394
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 62
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-394-29
Query Match 1.2%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 19;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1071 GGTCGGAATTACAGCAGG 1090
Db 20 GGTCGGAATTACAGCAGG 1
RESULT 19
US-09-920-394-30/c
; Sequence 30, Application US/09920394
; Publication No. US20030096773A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; APPLICANT: Kristina M. Lemonidis
; TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COENZYME A CHOLESTEROL ACYLTRANSFERASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: ISPH-0589
; CURRENT APPLICATION NUMBER: US/09/920,394
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 62
; SEQ ID NO 30
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-394-30
Query Match 1.2%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 19;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1171 CTCCTGTGGAAGTCCTATCC 1190
Db 20 CTCCTGTGGAAGTCCTATCC 1
RESULT 20
US-09-920-394-31/c
; Sequence 31, Application US/09920394
; Publication No. US20030096773A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; APPLICANT: Kristina M. Lemonidis
; TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COENZYME A CHOLESTEROL ACYLTRANSFERASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: ISPH-0589
; CURRENT APPLICATION NUMBER: US/09/920,394
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 62
; SEQ ID NO 31
```


;/ LENGTH: 20
;/ TYPE: DNA
;/ ORGANISM: Artificial Sequence
;/ FEATURE:
;/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-394-31

Query Match 1.2%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 19;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1231 GAGAAATAGTACGAGGAAAC 1250
Db 20 GAGAAATAGTACGAGGAAAC 1

RESULT 21
US-09-920-394-32/c

;/ Sequence 32, Application US/09920394
;/ Publication No. US20030096773A1
;/ GENERAL INFORMATION:
;/ APPLICANT: Rosanne M. Crooke
;/ APPLICANT: Mark J. Graham
;/ APPLICANT: Kristina M. Lemonidis
;/ TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COENZYME A CHOLESTEROL ACYLTRANSFERASE
;/ FILE REFERENCE: ISPH-0589
;/ CURRENT APPLICATION NUMBER: US/09/920,394
;/ CURRENT FILING DATE: 2001-08-01
;/ NUMBER OF SEQ ID NOS: 62
;/ SEQ ID NO 32
;/ LENGTH: 20
;/ TYPE: DNA
;/ ORGANISM: Artificial Sequence
;/ FEATURE:
;/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-394-32

Query Match 1.2%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 19;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1311 TGTCCTCATCTGATGTGG 1330
Db 20 TGTCCTCATCTGATGTGG 1

RESULT 22
US-09-920-394-33/c

;/ Sequence 33, Application US/09920394
;/ Publication No. US20030096773A1
;/ GENERAL INFORMATION:
;/ APPLICANT: Rosanne M. Crooke
;/ APPLICANT: Mark J. Graham
;/ APPLICANT: Kristina M. Lemonidis
;/ TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COENZYME A CHOLESTEROL ACYLTRANSFERASE
;/ FILE REFERENCE: ISPH-0589
;/ CURRENT APPLICATION NUMBER: US/09/920,394
;/ CURRENT FILING DATE: 2001-08-01
;/ NUMBER OF SEQ ID NOS: 62
;/ SEQ ID NO 33
;/ LENGTH: 20
;/ TYPE: DNA
;/ ORGANISM: Artificial Sequence
;/ FEATURE:
;/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-394-33

Query Match 1.2%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 19;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1421 TGATAGGAGACCGGGAT 1440
Db 20 TGATAGGAGACCGGGAT 1

RESULT 23
US-09-920-394-34/c

;/ Sequence 34, Application US/09920394
;/ Publication No. US20030096773A1
;/ GENERAL INFORMATION:
;/ APPLICANT: Rosanne M. Crooke
;/ APPLICANT: Mark J. Graham
;/ APPLICANT: Kristina M. Lemonidis
;/ TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COENZYME A CHOLESTEROL ACYLTRANSFERASE
;/ FILE REFERENCE: ISPH-0589
;/ CURRENT APPLICATION NUMBER: US/09/920,394
;/ CURRENT FILING DATE: 2001-08-01
;/ NUMBER OF SEQ ID NOS: 62
;/ SEQ ID NO 34
;/ LENGTH: 20
;/ TYPE: DNA
;/ ORGANISM: Artificial Sequence
;/ FEATURE:
;/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-394-34

Query Match 1.2%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 19;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1512 CATGTGATGAATTCGGG 1531
Db 20 CATGTGATGAATTCGGG 1

RESULT 24
US-09-920-394-35/c

;/ Sequence 35, Application US/09920394
;/ Publication No. US20030096773A1
;/ GENERAL INFORMATION:
;/ APPLICANT: Rosanne M. Crooke
;/ APPLICANT: Mark J. Graham
;/ APPLICANT: Kristina M. Lemonidis
;/ TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COENZYME A CHOLESTEROL ACYLTRANSFERASE
;/ FILE REFERENCE: ISPH-0589
;/ CURRENT APPLICATION NUMBER: US/09/920,394
;/ CURRENT FILING DATE: 2001-08-01
;/ NUMBER OF SEQ ID NOS: 62
;/ SEQ ID NO 35
;/ LENGTH: 20
;/ TYPE: DNA
;/ ORGANISM: Artificial Sequence
;/ FEATURE:
;/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-394-35

Query Match 1.2%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 19;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1610 TGCAGATTGGTCCACACC 1629
Db 20 TGCAGATTGGTCCACACC 1

RESULT 25
US-09-920-394-36/c

;/ Sequence 36, Application US/09920394
;/ Publication No. US20030096773A1
;/ GENERAL INFORMATION:
;/ APPLICANT: Rosanne M. Crooke

; APPLICANT: Mark J. Graham
; APPLICANT: Kristina M. Lemonidis
; TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COENZYME A CHOLESTEROL ACYLTRANSFERASE
; FILE REFERENCE: ISPH-0589
; CURRENT APPLICATION NUMBER: US/09/920,394
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 62
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-394-36

Query Match 1.2%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 19;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1711 CAGACAGACACATAGAGCT 1730
Db 20 CAGACAGACACATAGAGCT 1

RESULT 26
US-09-920-394-37/c
; Sequence 37, Application US/09920394
; Publication No. US2003009673A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; APPLICANT: Kristina M. Lemonidis
; TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COENZYME A CHOLESTEROL ACYLTRANSFERASE
; FILE REFERENCE: ISPH-0589
; CURRENT APPLICATION NUMBER: US/09/920,394
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 62
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-394-37

Query Match 1.2%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 19;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1721 ACATAGAGCTGTGAATGAAG 1740
Db 20 ACATAGAGCTGTGAATGAAG 1

RESULT 27
US-09-920-394-49/c
; Sequence 49, Application US/09920394
; Publication No. US2003009673A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; APPLICANT: Kristina M. Lemonidis
; TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COENZYME A CHOLESTEROL ACYLTRANSFERASE
; FILE REFERENCE: ISPH-0589
; CURRENT APPLICATION NUMBER: US/09/920,394
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 62
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-394-49
Query Match 1.2%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 19;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 550 ATCTGGGATTCTTCAGCAC 569
Db 20 ATCTGGGATTCTTCAGCAC 1

RESULT 28
US-09-866-108-4102
; Sequence 4102, Application US/09866108
; Patent No. US2002004800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JT, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 4102
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-4102

Query Match 1.1%; Score 19.2; DB 1; Length 25;
Best Local Similarity 87.5%; Pred. No. 43;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1637 CCAGAAGCTGAAGCAAGAAG 1660

```
Db 2 CCCGATAAGAGGACAAAGAAG 25
|||||
RESULT 29
US-09-866-108-4103
; Sequence 4103, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 4103
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-4103

Query Match 1.1%; Score 19.2; DB 1; Length 25;
Best Local Similarity 87.5%; Pred. No. 43;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1637 CCCAGAGCTGAGGACAAAGAAG 1660
|||||
Db 1 CCCGATAAGAGGACAAAGAAG 24
|||||

RESULT 30
US-10-098-263B-75929
; Sequence 75929, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
```

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; ORGANISM: Homo sapiens
US-10-060-998-2418

Query Match      1.1%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 55;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 163 CAGCTGTGGCCATTTCCTGGGAA 187
DB 1 CAGCTGTGGGGAATTCCTGGGAA 25

RESULT 33
US-10-060-998-2419
; Sequence 2419, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 2419
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-2419

Query Match      1.1%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 55;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 164 ACCTGTGGCCATTTCCTGGGAA 188
DB 1 AGCTGTGGGGAATTCCTGGGAA 25

RESULT 34
US-10-060-998-2420
; Sequence 2420, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 2420
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-2420

Query Match      1.1%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 55;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 165 GCCTGTGGCCATTTCCTGGGAA 189
DB 1 GTCTGTGGGGAATTCCTGGGAA 25

RESULT 35
US-09-920-394-48/c
; Sequence 48, Application US/09920394
; Publication No. US20030096773A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COENZYME A CHOLESTEROL ACYLTRANSFERASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: ISPH-0589
; CURRENT APPLICATION NUMBER: US/09/920,394
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 62
; SEQ ID NO 48
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-394-48

Query Match      1.1%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 39;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 470 GTGGGCAATCAACCTATGAT 489
DB 20 GTGGGCAATCAACCTATGAT 1

RESULT 36
US-09-866-108-4101
; Sequence 4101, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
```

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/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Aecomica Sequence Listing Engine
/ SEQ ID NO 4101
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-09-866-108-4101

Query Match      1.1%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 66;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1637 CCAGAAAGCTGAGGACAAAGAA 1659
      ||||| ||||| ||||| |||||
DB 3  CCAGATAAGAGGACAAAGAA 25

RESULT 37
US-09-866-108-4104
/ Sequence 4104, Application US/09866108
/ Patent No. US20020048800A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AECOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
```

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/ SOFTWARE: Aecomica Sequence Listing Engine
/ SEQ ID NO 4104
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-09-866-108-4104

Query Match      1.1%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 66;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1638 CCAGAAAGCTGAGGACAAAGAA 1660
      ||||| ||||| ||||| |||||
DB 1  CCAGATAAGAGGACAAAGAA 23

RESULT 38
US-10-060-998-2421
/ Sequence 2421, Application US/10060998
/ Publication No. US20030104530A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
/ FILE REFERENCE: PB01108
/ CURRENT APPLICATION NUMBER: US/10/060,998
/ CURRENT FILING DATE: 2002-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 09/864,761
/ PRIOR FILING DATE: 2001-05-23
/ PRIOR APPLICATION NUMBER: US 60/343,331
/ PRIOR FILING DATE: 2001-12-21
/ NUMBER OF SEQ ID NOS: 3056
/ SOFTWARE: Aecomica Sequence Listing Engine
/ SEQ ID NO 2421
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-10-060-998-2421

Query Match      1.1%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 66;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 167 CTGTGGCCATTTCCTGGGAATC 189
      ||||| ||||| ||||| |||||
DB 2  CTGTGGGGAATTCCTGGGAATC 24

RESULT 39
US-10-060-998-2422
/ Sequence 2422, Application US/10060998
/ Publication No. US20030104530A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
/ FILE REFERENCE: PB01108
/ CURRENT APPLICATION NUMBER: US/10/060,998
/ CURRENT FILING DATE: 2002-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 09/864,761
/ PRIOR FILING DATE: 2001-05-23
/ PRIOR APPLICATION NUMBER: US 60/343,331
/ PRIOR FILING DATE: 2001-12-21
/ NUMBER OF SEQ ID NOS: 3056
/ SOFTWARE: Aecomica Sequence Listing Engine
/ SEQ ID NO 2422
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-10-060-998-2422
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Query Match 1.1%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 66;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 167 CTGTGGCCATTTCTCTGGGAATC 189
|||
Db 1 CTGTGGGAATTTCTCTGGGAATC 23

RESULT 40

US-09-946-374-222
; Sequence 222, Application US/09946374
; Publication No. US20030073129A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Destoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C1
; CURRENT APPLICATION NUMBER: US/09/946,374
; CURRENT FILING DATE: 2001-09-04
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099602
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099642
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099741
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099754
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099763
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099792
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099808
; PRIOR FILING DATE: 1998-09-29

; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099812
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099815
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099816
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/100385
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100388
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100390
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100584
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100627
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100661
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100662
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100664
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100683
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/100684
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/100710
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/100711
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/100848
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/100849
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/100913
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/100930
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/101014
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/101068
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/101071
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/101279
; PRIOR FILING DATE: 1998-09-22
; PRIOR APPLICATION NUMBER: 60/101471
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101472
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101474
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101475
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101476
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101477
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101479
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101738
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/101741
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/101743
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/101915
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/101916
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/102207
; PRIOR FILING DATE: 1998-09-29

;; PRIOR APPLICATION NUMBER: 60/102240
;; PRIOR FILING DATE: 1998-09-29
;; PRIOR APPLICATION NUMBER: 60/102307
;; PRIOR FILING DATE: 1998-09-29
;; PRIOR APPLICATION NUMBER: 60/102330
;; PRIOR FILING DATE: 1998-09-29
;; PRIOR APPLICATION NUMBER: 60/102331
;; PRIOR FILING DATE: 1998-09-29
;; PRIOR APPLICATION NUMBER: 60/102484
;; PRIOR FILING DATE: 1998-09-30
;; PRIOR APPLICATION NUMBER: 60/102487
;; PRIOR FILING DATE: 1998-09-30
;; PRIOR APPLICATION NUMBER: 60/102570
;; PRIOR FILING DATE: 1998-09-30
;; PRIOR APPLICATION NUMBER: 60/102571
;; PRIOR FILING DATE: 1998-09-30
;; PRIOR APPLICATION NUMBER: 60/102684
;; PRIOR FILING DATE: 1998-10-01
;; PRIOR APPLICATION NUMBER: 60/102687
;; PRIOR FILING DATE: 1998-10-01
;; PRIOR APPLICATION NUMBER: 60/102965
;; PRIOR FILING DATE: 1998-10-02
;; PRIOR APPLICATION NUMBER: 60/103258
;; PRIOR FILING DATE: 1998-10-06
;; PRIOR APPLICATION NUMBER: 60/103314
;; PRIOR FILING DATE: 1998-10-07
;; PRIOR APPLICATION NUMBER: 60/103315
;; PRIOR FILING DATE: 1998-10-07
;; PRIOR APPLICATION NUMBER: 60/103328
;; PRIOR FILING DATE: 1998-10-07
;; PRIOR APPLICATION NUMBER: 60/103395
;; PRIOR FILING DATE: 1998-10-07
;; PRIOR APPLICATION NUMBER: 60/103396
;; PRIOR FILING DATE: 1998-10-07
;; PRIOR APPLICATION NUMBER: 60/103401
;; PRIOR FILING DATE: 1998-10-07
;; PRIOR APPLICATION NUMBER: 60/103449
;; PRIOR FILING DATE: 1998-10-06
;; PRIOR APPLICATION NUMBER: 60/103633
;; PRIOR FILING DATE: 1998-10-08
;; PRIOR APPLICATION NUMBER: 60/103678
;; PRIOR FILING DATE: 1998-10-08
;; PRIOR APPLICATION NUMBER: 60/103679
;; PRIOR FILING DATE: 1998-10-08
;; PRIOR APPLICATION NUMBER: 60/103711
;; PRIOR FILING DATE: 1998-10-08
;; PRIOR APPLICATION NUMBER: 60/104257
;; PRIOR FILING DATE: 1998-10-14
;; PRIOR APPLICATION NUMBER: 60/104987
;; PRIOR FILING DATE: 1998-10-20
;; PRIOR APPLICATION NUMBER: 60/105000
;; PRIOR FILING DATE: 1998-10-20
;; PRIOR APPLICATION NUMBER: 60/105002
;; PRIOR FILING DATE: 1998-10-20
;; PRIOR APPLICATION NUMBER: 60/105104
;; PRIOR FILING DATE: 1998-10-21
;; PRIOR APPLICATION NUMBER: 60/105169
;; PRIOR FILING DATE: 1998-10-22
;; PRIOR APPLICATION NUMBER: 60/105266
;; PRIOR FILING DATE: 1998-10-22
;; PRIOR APPLICATION NUMBER: 60/105693
;; PRIOR FILING DATE: 1998-10-26
;; PRIOR APPLICATION NUMBER: 60/105694
;; PRIOR FILING DATE: 1998-10-26
;; PRIOR APPLICATION NUMBER: 60/105807

Query Match 1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 900 GGAAGAGGAGCTCTTGGAGAC 920
DB 2 GGAAGAGGAGCCCTTGGAGTC 22

RESULT 41
US-10-011-795A-222
; Sequence 222, Application US/10011795A
; Publication No. US20040005626A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C25
; CURRENT APPLICATION NUMBER: US/10/011,795A
; CURRENT FILING DATE: 2001-12-07
; Prior application removed - See file Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 222
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-011-795A-222

Query Match 1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 900 GGAAGAGGAGCTCTTGGAGAC 920
DB 2 GGAAGAGGAGCCCTTGGAGTC 22

RESULT 42
US-10-015-387A-222
; Sequence 222, Application US/10015387A
; Publication No. US20030135034A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C54
; CURRENT APPLICATION NUMBER: US/10/015,387A
; CURRENT FILING DATE: 2001-12-12
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 222
; LENGTH: 24

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-387A-222

Query Match 1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 900 GGAAGAGGAGGCTCTGGAGAC 920
|||
Db 2 GGAAGAGGAGGCTCTGGAGTC 22

RESULT 43

US-10-006-130A-222
Sequence 222, Application US/10006130A
Publication No. US20030148375A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830PIC7
CURRENT APPLICATION NUMBER: US/10/006,130A
CURRENT FILING DATE: 2002-03-19
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 222
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-130A-222

Query Match 1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 900 GGAAGAGGAGGCTCTGGAGAC 920
|||
Db 2 GGAAGAGGAGGCTCTGGAGTC 22

RESULT 44

US-10-006-172A-222
Sequence 222, Application US/10006172A
Publication No. US20030153000A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.

APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830PIC11
CURRENT APPLICATION NUMBER: US/10/006,172A
CURRENT FILING DATE: 2002-03-19
Prior Application Number: 60/098716
Prior Filing Date: 1998-09-01
Prior Application Number: 60/098723
Prior Filing Date: 1998-09-01
Prior Application Number: 60/098749
Prior Filing Date: 1998-09-01
Prior Application Number: 60/098750
Prior Filing Date: 1998-09-01
Prior Application Number: 60/098803
Prior Filing Date: 1998-09-02
Prior Application Number: 60/098821
Prior Filing Date: 1998-09-02
Prior Application Number: 60/098843
Prior Filing Date: 1998-09-02
Prior Application Number: 60/099536
Prior Filing Date: 1998-09-09
Prior Application Number: 60/099596
Prior Filing Date: 1998-09-09
Prior Application Number: 60/099598
Prior Filing Date: 1998-09-09
Prior Application Number: 60/099602
Prior Filing Date: 1998-09-09
Prior Application Number: 60/099642
Prior Filing Date: 1998-09-09
Prior Application Number: 60/099741
Prior Filing Date: 1998-09-10
Prior Application Number: 60/099754
Prior Filing Date: 1998-09-10
Prior Application Number: 60/099763
Prior Filing Date: 1998-09-10
Prior Application Number: 60/099792
Prior Filing Date: 1998-09-10
Prior Application Number: 60/099808
Prior Filing Date: 1998-09-10
Prior Application Number: 60/099812
Prior Filing Date: 1998-09-10
Prior Application Number: 60/099815
Prior Filing Date: 1998-09-10
Prior Application Number: 60/099816
Prior Filing Date: 1998-09-10
Prior Application Number: 60/100395
Prior Filing Date: 1998-09-15
Prior Application Number: 60/100388
Prior Filing Date: 1998-09-15
Prior Application Number: 60/100390
Prior Filing Date: 1998-09-15
Prior Application Number: 60/100584
Prior Filing Date: 1998-09-16
Prior Application Number: 60/100627
Prior Filing Date: 1998-09-16
Prior Application Number: 60/100661
Prior Filing Date: 1998-09-16
Prior Application Number: 60/100662
Prior Filing Date: 1998-09-16
Prior Application Number: 60/100664
Prior Filing Date: 1998-09-16
Prior Application Number: 60/100683
Prior Filing Date: 1998-09-17
Prior Application Number: 60/100684
Prior Filing Date: 1998-09-17
Prior Application Number: 60/100710
Prior Filing Date: 1998-09-17
Prior Application Number: 60/100711
Prior Filing Date: 1998-09-17

/ PRIOR APPLICATION NUMBER: 60/100848
/ PRIOR FILING DATE: 1998-09-18
/ PRIOR APPLICATION NUMBER: 60/100849
/ PRIOR FILING DATE: 1998-09-18
/ PRIOR APPLICATION NUMBER: 60/100919
/ PRIOR FILING DATE: 1998-09-17
/ PRIOR APPLICATION NUMBER: 60/100930
/ PRIOR FILING DATE: 1998-09-17
/ PRIOR APPLICATION NUMBER: 60/101014
/ PRIOR FILING DATE: 1998-09-18
/ PRIOR APPLICATION NUMBER: 60/101068
/ PRIOR FILING DATE: 1998-09-18
/ PRIOR APPLICATION NUMBER: 60/101071
/ PRIOR FILING DATE: 1998-09-18
/ PRIOR APPLICATION NUMBER: 60/101279
/ PRIOR FILING DATE: 1998-09-22
/ PRIOR APPLICATION NUMBER: 60/101471
/ PRIOR FILING DATE: 1998-09-23
/ PRIOR APPLICATION NUMBER: 60/101472
/ PRIOR FILING DATE: 1998-09-23
/ PRIOR APPLICATION NUMBER: 60/101474
/ PRIOR FILING DATE: 1998-09-23
/ PRIOR APPLICATION NUMBER: 60/101475
/ PRIOR FILING DATE: 1998-09-23
/ PRIOR APPLICATION NUMBER: 60/101476
/ PRIOR FILING DATE: 1998-09-23
/ PRIOR APPLICATION NUMBER: 60/101477
/ PRIOR FILING DATE: 1998-09-23
/ PRIOR APPLICATION NUMBER: 60/101479
/ PRIOR FILING DATE: 1998-09-23
/ PRIOR APPLICATION NUMBER: 60/101738
/ PRIOR FILING DATE: 1998-09-24
/ PRIOR APPLICATION NUMBER: 60/101741
/ PRIOR FILING DATE: 1998-09-24
/ PRIOR APPLICATION NUMBER: 60/101743
/ PRIOR FILING DATE: 1998-09-24
/ PRIOR APPLICATION NUMBER: 60/101915
/ PRIOR FILING DATE: 1998-09-24
/ PRIOR APPLICATION NUMBER: 60/101916
/ PRIOR FILING DATE: 1998-09-24
/ PRIOR APPLICATION NUMBER: 60/102207
/ PRIOR FILING DATE: 1998-09-29
/ PRIOR APPLICATION NUMBER: 60/102240
/ PRIOR FILING DATE: 1998-09-29
/ PRIOR APPLICATION NUMBER: 60/102307
/ PRIOR FILING DATE: 1998-09-29
/ PRIOR APPLICATION NUMBER: 60/102330
/ PRIOR FILING DATE: 1998-09-29
/ PRIOR APPLICATION NUMBER: 60/102331
/ PRIOR FILING DATE: 1998-09-29
/ PRIOR APPLICATION NUMBER: 60/102484
/ PRIOR FILING DATE: 1998-09-30
/ PRIOR APPLICATION NUMBER: 60/102487
/ PRIOR FILING DATE: 1998-09-30
/ PRIOR APPLICATION NUMBER: 60/102570
/ PRIOR FILING DATE: 1998-09-30
/ PRIOR APPLICATION NUMBER: 60/102571
/ PRIOR FILING DATE: 1998-09-30
/ PRIOR APPLICATION NUMBER: 60/102684
/ PRIOR FILING DATE: 1998-10-01
/ PRIOR APPLICATION NUMBER: 60/102687
/ PRIOR FILING DATE: 1998-10-01
/ PRIOR APPLICATION NUMBER: 60/102965
/ PRIOR FILING DATE: 1998-10-02
/ PRIOR APPLICATION NUMBER: 60/103258
/ PRIOR FILING DATE: 1998-10-06
/ PRIOR APPLICATION NUMBER: 60/103314
/ PRIOR FILING DATE: 1998-10-07
/ PRIOR APPLICATION NUMBER: 60/103315
/ PRIOR FILING DATE: 1998-10-07
/ PRIOR APPLICATION NUMBER: 60/103328
/ PRIOR FILING DATE: 1998-10-07
/ PRIOR APPLICATION NUMBER: 60/103395

/ PRIOR FILING DATE: 1998-10-07
/ PRIOR APPLICATION NUMBER: 60/103396
/ PRIOR FILING DATE: 1998-10-07
/ PRIOR APPLICATION NUMBER: 60/103401
/ PRIOR FILING DATE: 1998-10-07
/ PRIOR APPLICATION NUMBER: 60/103449
/ PRIOR FILING DATE: 1998-10-06
/ PRIOR APPLICATION NUMBER: 60/103633
/ PRIOR FILING DATE: 1998-10-08
/ PRIOR APPLICATION NUMBER: 60/103678
/ PRIOR FILING DATE: 1998-10-08
/ PRIOR APPLICATION NUMBER: 60/103679
/ PRIOR FILING DATE: 1998-10-08
/ PRIOR APPLICATION NUMBER: 60/103711
/ PRIOR FILING DATE: 1998-10-08
/ PRIOR APPLICATION NUMBER: 60/104257
/ PRIOR FILING DATE: 1998-10-14
/ PRIOR APPLICATION NUMBER: 60/104987
/ PRIOR FILING DATE: 1998-10-20
/ PRIOR APPLICATION NUMBER: 60/105000
/ PRIOR FILING DATE: 1998-10-20
/ PRIOR APPLICATION NUMBER: 60/105002
/ PRIOR FILING DATE: 1998-10-20
/ PRIOR APPLICATION NUMBER: 60/105104
/ PRIOR FILING DATE: 1998-10-21
/ PRIOR APPLICATION NUMBER: 60/105169
/ PRIOR FILING DATE: 1998-10-22
/ PRIOR APPLICATION NUMBER: 60/105266
/ PRIOR FILING DATE: 1998-10-22
/ PRIOR APPLICATION NUMBER: 60/105693
/ PRIOR FILING DATE: 1998-10-26
/ PRIOR APPLICATION NUMBER: 60/105694
/ PRIOR FILING DATE: 1998-10-26
/ PRIOR APPLICATION NUMBER: 60/105807
/ PRIOR FILING DATE: 1998-10-27
/ PRIOR APPLICATION NUMBER: 60/105881
/ PRIOR FILING DATE: 1998-10-27
/ PRIOR APPLICATION NUMBER: 60/105882
/ PRIOR FILING DATE: 1998-10-27
/ PRIOR APPLICATION NUMBER: 60/106023
/ PRIOR FILING DATE: 1998-10-28

Query Match 1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 900 GGAGAGGAGGCTCTTGGAGAC 920
Db 2 GGAGAGGAGGCTCTTGGAGTC 22
|||||

RESULT 45

US-10-015-392A-222
Sequence 222, Application US/10015392A
Publication No. US20030166901A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secured and Transmembrane Polypeptides and Nucleic
Acids Encoding the Same
FILE REFERENCE: P2830FIC58

; CURRENT APPLICATION NUMBER: US/10/015.392A
; CURRENT FILING DATE: 2001-12-12
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 222
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-392A-222

Query Match 1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 900 GGAAGAGGAGCTCTTGGAGAC 920
|||||
Db 2 GGAAGAGGAGCCTTGGAGTC 22

RESULT 46
US-10-017-253A-222
; Sequence 222, Application US/10017253A
; Publication No. US2003016055A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C62
; CURRENT APPLICATION NUMBER: US/10/017,253A
; CURRENT FILING DATE: 2001-12-13
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01

; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 222
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-253A-222

Query Match 1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 900 GGAAGAGGAGCTCTTGGAGAC 920
|||||
Db 2 GGAAGAGGAGCCTTGGAGTC 22

RESULT 47
US-10-017-306A-222
; Sequence 222, Application US/10017306A
; Publication No. US20030170718A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C66
; CURRENT APPLICATION NUMBER: US/10/017,306A
; CURRENT FILING DATE: 2002-06-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 222
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-306A-222

Query Match 1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 900 GGAAGAGGAGCTCTTGGAGAC 920
|||||
Db 2 GGAAGAGGAGCCTTGGAGTC 22

RESULT 48

US-10-012-064A-222

Sequence 222, Application US/10012064A

Publication No. US20030180836A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnovers, Luc

APPLICANT: Eaton, Dan I.

APPLICANT: Ferrara, Napoleone

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, Christopher J.

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.

APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas F.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

Acids Encoding the Same

FILE REFERENCE: P2830P1C19

CURRENT APPLICATION NUMBER: US/10/012,064A

PRIOR FILING DATE: 2002-07-15

PRIOR APPLICATION NUMBER: 60/098716

PRIOR FILING DATE: 1998-09-01

PRIOR APPLICATION NUMBER: 60/098723

PRIOR FILING DATE: 1998-09-01

PRIOR APPLICATION NUMBER: 60/098749

PRIOR FILING DATE: 1998-09-01

PRIOR APPLICATION NUMBER: 60/098750

PRIOR FILING DATE: 1998-09-01

PRIOR APPLICATION NUMBER: 60/098803

PRIOR FILING DATE: 1998-09-02

PRIOR APPLICATION NUMBER: 60/098821

PRIOR FILING DATE: 1998-09-02

PRIOR APPLICATION NUMBER: 60/098843

PRIOR FILING DATE: 1998-09-02

PRIOR APPLICATION NUMBER: 60/099536

PRIOR FILING DATE: 1998-09-09

PRIOR APPLICATION NUMBER: 60/099596

PRIOR FILING DATE: 1998-09-09

PRIOR APPLICATION NUMBER: 60/099598

PRIOR FILING DATE: 1998-09-09

PRIOR APPLICATION data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 477

SEQ ID NO 222

LENGTH: 24

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic oligonucleotide probe

US-10-012-064A-222

Query Match

Best Local Similarity 1.0%; Score 17.8; DB 1; Length 24;

Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy

900 GGAAGAGGAGCTCTTGAGAC 920

Db

2 GGAAGAGGAGCCCTTGAGTC 22

RESULT 49

US-10-017-867A-222

Sequence 222, Application US/10017867A

Publication No. US20030180792A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnovers, Luc

APPLICANT: Eaton, Dan I.

US-1012-101B-222
; Sequence 222, Application US/10012101B
; Publication No. US20030187239A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.

```

; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C6
; CURRENT APPLICATION NUMBER: US/10/012,101B
; CURRENT FILING DATE: 2001-12-06
; Prior application removed - See file Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 222
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-101B-222

Query Match          1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 900 GGAAGAGGAGCTCTTGGAGAC 920
Db 2 GGAAGAGGAGCCCTTGGAGTC 22

RESULT 51
US-10-012-137A-222
; Sequence 222, Application US/10012137A
; Publication No. US20030187189A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C29
; CURRENT APPLICATION NUMBER: US/10/012,137A
; CURRENT FILING DATE: 2002-06-25
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 222
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-137A-222

Query Match          1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 900 GGAAGAGGAGCTCTTGGAGAC 920
Db 2 GGAAGAGGAGCCCTTGGAGTC 22

RESULT 52
US-10-012-752A-222
; Sequence 222, Application US/10012752A

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; Publication No. US20030187190A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C24
; CURRENT APPLICATION NUMBER: US/10/012,752A
; CURRENT FILING DATE: 2002-06-25
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 222
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-752A-222

Query Match          1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 900 GGAAGAGGAGCTCTTGGAGAC 920
Db 2 GGAAGAGGAGCCCTTGGAGTC 22

RESULT 53
US-10-012-754A-222
; Sequence 222, Application US/10012754A
; Publication No. US20030187191A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C18
; CURRENT APPLICATION NUMBER: US/10/012,754A
; CURRENT FILING DATE: 2002-06-25
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 222
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-754A-222

```

Query Match 1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 900 GGAAGAGGAGCTCTTGGAGAC 920
| | | | | | | | | | | | | | | | | | | | | |
Db 2 GGAAGAGGAGCCCTTGGAGTC 22

RESULT 54
US-10-013-909A-222
; Sequence 222, Application US/10013909A
; Publication No. US20030186318A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC35
; CURRENT APPLICATION NUMBER: US/10/013, 909A
; CURRENT FILING DATE: 2002-08-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 222
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-909A-222

Query Match 1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 900 GGAAGAGGAGCTCTTGGAGAC 920
| | | | | | | | | | | | | | | | | | | | | |
Db 2 GGAAGAGGAGCCCTTGGAGTC 22

RESULT 55
US-10-013-910A-222
; Sequence 222, Application US/10013910A
; Publication No. US20030187192A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830PIC33
; CURRENT APPLICATION NUMBER: US/10/013, 910A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 222
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-910A-222

Query Match 1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 900 GGAAGAGGAGCTCTTGGAGAC 920
| | | | | | | | | | | | | | | | | | | | | |
Db 2 GGAAGAGGAGCCCTTGGAGTC 22

RESULT 56
US-10-013-911A-222
; Sequence 222, Application US/10013911A
; Publication No. US20030187193A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC39
; CURRENT APPLICATION NUMBER: US/10/013, 911A
; CURRENT FILING DATE: 2001-12-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 222
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-911A-222

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

; PRIOR APPLICATION NUMBER: 60/105881
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/105882
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/106023
; PRIOR FILING DATE: 1998-10-28

Query Match 1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 900 GGAAGAGGAGCTCTTGGAGAC 920
Db 2 GGAAGAGGAGCCCTTGGAGTC 22

RESULT 57

US-10-013-912A-222
; Sequence 222, Application US/10013912A
; Publication No. US20030187194A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, Paul J.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C32
; CURRENT APPLICATION NUMBER: US/10/013,912A
; CURRENT FILING DATE: 2001-12-10
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-01
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 222
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe

US-10-013-912A-222

Query Match 1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 900 GGAAGAGGAGCTCTTGGAGAC 920
Db 2 GGAAGAGGAGCCCTTGGAGTC 22

RESULT 58

US-10-015-610A-222
; Sequence 222, Application US/10015610A
; Publication No. US20030186361A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, Paul J.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C52
; CURRENT APPLICATION NUMBER: US/10/015,610A
; CURRENT FILING DATE: 2001-12-12
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-01
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 222
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe

US-10-015-610A-222

Query Match 1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 900 GGAAGAGGAGCTCTTGGAGAC 920
Db 2 GGAAGAGGAGCCCTTGGAGTC 22

RESULT 59

US-10-015-653A-222
; Sequence 222, Application US/10015653A
; Publication No. US20030187195A1

GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC43
; CURRENT APPLICATION NUMBER: US/10/015,653A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 222
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-653A-222

Query Match 1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 900 GGAAGAGGAGCTCTTGGAGAC 920
|||
Db 2 GGAAGAGGAGCCCTTGGAGTC 22

RESULT 60
US-10-015-671A-222
; Sequence 222, Application US/10015671A
; Publication No. US20030186319A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC47
; CURRENT APPLICATION NUMBER: US/10/015,671A
; CURRENT FILING DATE: 2001-12-11
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 222
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-671A-222

Query Match 1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 900 GGAAGAGGAGCTCTTGGAGAC 920
|||
Db 2 GGAAGAGGAGCCCTTGGAGTC 22

RESULT 61
US-10-012-237A-222
; Sequence 222, Application US/10012237A
; Publication No. US20030191281A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC21
; CURRENT APPLICATION NUMBER: US/10/012,237A
; CURRENT FILING DATE: 2002-06-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 222
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-237A-222

Query Match 1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 900 GGAAGAGGAGCTCTTGGAGAC 920
|||
Db 2 GGAAGAGGAGCCCTTGGAGTC 22

RESULT 62
US-10-013-906A-222
; Sequence 222, Application US/10013906A
; Publication No. US20030191282A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC47
; CURRENT APPLICATION NUMBER: US/10/013,906A
; CURRENT FILING DATE: 2001-12-11
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 222
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-906A-222

FILE REFERENCE: P2830P1C36
CURRENT APPLICATION NUMBER: US/10/013, 906A
CURRENT FILING DATE: 2002-06-10
PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098749
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098750
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098803
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098821
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098843
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/099536
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099596
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099598
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099602
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099642
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099741
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099754
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099763
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099792
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099808
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099812
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099815
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099816
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/100385
PRIOR FILING DATE: 1998-09-15
PRIOR APPLICATION NUMBER: 60/100388
PRIOR FILING DATE: 1998-09-15
PRIOR APPLICATION NUMBER: 60/100390
PRIOR FILING DATE: 1998-09-15
PRIOR APPLICATION NUMBER: 60/100584
PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: 60/100627
PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: 60/100661
PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: 60/100662
PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: 60/100664
PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: 60/100683
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100684
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100710
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100711
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100848
PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/100849
PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/100919
PRIOR FILING DATE: 1998-09-17

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; PRIOR FILING DATE: 1998-10-06
; PRIOR APPLICATION NUMBER: 60/103633
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/103678
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/103679
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/103711
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/104257
; PRIOR FILING DATE: 1998-10-14
; PRIOR APPLICATION NUMBER: 60/104987
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105000
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105002
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105104
; PRIOR FILING DATE: 1998-10-21
; PRIOR APPLICATION NUMBER: 60/105169
; PRIOR FILING DATE: 1998-10-22
; PRIOR APPLICATION NUMBER: 60/105266
; PRIOR FILING DATE: 1998-10-22
; PRIOR APPLICATION NUMBER: 60/105693
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105694
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105807
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/105881
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/105882
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/106023
; PRIOR FILING DATE: 1998-10-28
```

```
Query Match 1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 900 GGAAGAGGAGCTCTTGGAGAC 920
      |||||
Db 2 GGAAGAGGAGCCCTTGGAGTC 22
```

RESULT 63

```
; US-10-015-388A-222
; Sequence 222, Application US/10015388A
; Publication No. US20030191299A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
```

```
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C44
; CURRENT APPLICATION NUMBER: US/10/015,388A
; CURRENT FILING DATE: 2002-07-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 222
; LENGTH: 24
```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-388A-222
```

```
Query Match 1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 900 GGAAGAGGAGCTCTTGGAGAC 920
      |||||
Db 2 GGAAGAGGAGCCCTTGGAGTC 22
```

RESULT 64

```
; US-10-015-480A-222
; Sequence 222, Application US/10015480A
; Publication No. US20030190667A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
```

```
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C50
; CURRENT APPLICATION NUMBER: US/10/015,480A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 222
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-480A-222
```

```
Query Match 1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 900 GGAAGAGGAGCTCTTGGAGAC 920
      |||||
Db 2 GGAAGAGGAGCCCTTGGAGTC 22
```

RESULT 65

```
; US-10-015-715A-222
; Sequence 222, Application US/10015715A
; Publication No. US20030190668A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
```

```

; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C56
; CURRENT APPLICATION NUMBER: US/10/015,715A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 222
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-715A-222

Query Match          1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 900 GGAAGAGGAGGCTCTTGGAGAC 920
    |||||
Db 2 GGAAGAGGAGGCTCTTGGAGTC 22

RESULT 66
US-10-012-753A-222
; Sequence 222, Application US/10012753A
; Publication No. US20030195334A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C51
; CURRENT APPLICATION NUMBER: US/10/015,385A
; CURRENT FILING DATE: 2002-07-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 222
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-385A-222

Query Match          1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 900 GGAAGAGGAGGCTCTTGGAGAC 920
    |||||
Db 2 GGAAGAGGAGGCTCTTGGAGTC 22

RESULT 67
US-10-012-753A-222
; Sequence 222, Application US/10012753A
; Publication No. US20030195334A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C17
; CURRENT APPLICATION NUMBER: US/10/012,753A
; CURRENT FILING DATE: 2001-12-07
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 222
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-753A-222

Query Match          1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 900 GGAAGAGGAGGCTCTTGGAGAC 920
    |||||
Db 2 GGAAGAGGAGGCTCTTGGAGTC 22

RESULT 67
US-10-015-385A-222
; Sequence 222, Application US/10015385A
; Publication No. US20030195347A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C51
; CURRENT APPLICATION NUMBER: US/10/015,385A
; CURRENT FILING DATE: 2002-07-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 222
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-385A-222

Query Match          1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 900 GGAAGAGGAGGCTCTTGGAGAC 920
    |||||
Db 2 GGAAGAGGAGGCTCTTGGAGTC 22

RESULT 68
US-10-007-236A-222
; Sequence 222, Application US/10007236A
; Publication No. US2003019893A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C12
; CURRENT APPLICATION NUMBER: US/10/007,236A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 222
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-007-236A-222

```

/ APPLICANT: SOUWAMI, Paul U.
 / APPLICANT: Grimaldi, Christopher J.
 / APPLICANT: Gurney, Austin L.
 / APPLICANT: Hillan, Kenneth J.
 / APPLICANT: Pan, James
 / APPLICANT: Paoni, Nicholas F.

```

/, Remaining Prior Application data removed - See File Wrapper or PALM.
/, KAS-08-0679-0
/, NUMBER OF SEQ ID NOS: 477
/, SEQ ID NO 222
/, LENGTH: 24
/, TYPE: DNA
/
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-394A-222
Query Match      1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 900 GGAAGAGGAGCTCTTGGAGAC 920
DB 2 GGAAGAGGAGCCCTTGGAGTC 22
```

```
RESULT 72
US-10-015-519A-222
; Sequence 222, Application US/10015519A
; Publication No. US20030203401A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C49
; CURRENT APPLICATION NUMBER: US/10/015,519A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 222
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-519A-222
```

```
Query Match      1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 900 GGAAGAGGAGCTCTTGGAGAC 920
DB 2 GGAAGAGGAGCCCTTGGAGTC 22
```

```
RESULT 73
US-10-015-390A-222
; Sequence 222, Application US/10015390A
; Publication No. US20030216562A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
```

```
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C53
; CURRENT APPLICATION NUMBER: US/10/015,390A
; CURRENT FILING DATE: 2002-07-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 222
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-390A-222
```

```
Query Match      1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 900 GGAAGAGGAGCTCTTGGAGAC 920
DB 2 GGAAGAGGAGCCCTTGGAGTC 22
```

```
RESULT 74
US-10-006-746A-222
; Sequence 222, Application US/10006746A
; Publication No. US20030220471A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C5
; CURRENT APPLICATION NUMBER: US/10/006,746A
; CURRENT FILING DATE: 2001-12-06
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099602
; PRIOR FILING DATE: 1998-09-09
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1 PRIOR APPLICATION NUMBER: 60/099642
2 PRIOR FILING DATE: 1998-09-09
3 PRIOR APPLICATION NUMBER: 60/099741
4 PRIOR FILING DATE: 1998-09-10
5 PRIOR APPLICATION NUMBER: 60/099754
6 PRIOR FILING DATE: 1998-09-10
7 PRIOR APPLICATION NUMBER: 60/099763
8 PRIOR FILING DATE: 1998-09-10
9 PRIOR APPLICATION NUMBER: 60/099792
10 PRIOR FILING DATE: 1998-09-10
11 PRIOR APPLICATION NUMBER: 60/099808
12 PRIOR FILING DATE: 1998-09-10
13 PRIOR APPLICATION NUMBER: 60/099812
14 PRIOR FILING DATE: 1998-09-10
15 PRIOR APPLICATION NUMBER: 60/099815
16 PRIOR FILING DATE: 1998-09-10
17 PRIOR APPLICATION NUMBER: 60/099816
18 PRIOR FILING DATE: 1998-09-10
19 PRIOR APPLICATION NUMBER: 60/100385
20 PRIOR FILING DATE: 1998-09-15
21 PRIOR APPLICATION NUMBER: 60/100388
22 PRIOR FILING DATE: 1998-09-15
23 PRIOR APPLICATION NUMBER: 60/100390
24 PRIOR FILING DATE: 1998-09-15
25 PRIOR APPLICATION NUMBER: 60/100584
26 PRIOR FILING DATE: 1998-09-16
27 PRIOR APPLICATION NUMBER: 60/100627
28 PRIOR FILING DATE: 1998-09-16
29 PRIOR APPLICATION NUMBER: 60/100661
30 PRIOR FILING DATE: 1998-09-16
31 PRIOR APPLICATION NUMBER: 60/100662
32 PRIOR FILING DATE: 1998-09-16
33 PRIOR APPLICATION NUMBER: 60/100664
34 PRIOR FILING DATE: 1998-09-16
35 PRIOR APPLICATION NUMBER: 60/100683
36 PRIOR FILING DATE: 1998-09-17
37 PRIOR APPLICATION NUMBER: 60/100684
38 PRIOR FILING DATE: 1998-09-17
39 PRIOR APPLICATION NUMBER: 60/100710
40 PRIOR FILING DATE: 1998-09-17
41 PRIOR APPLICATION NUMBER: 60/100711
42 PRIOR FILING DATE: 1998-09-17
43 PRIOR APPLICATION NUMBER: 60/100848
44 PRIOR FILING DATE: 1998-09-18
45 PRIOR APPLICATION NUMBER: 60/100849
46 PRIOR FILING DATE: 1998-09-18
47 PRIOR APPLICATION NUMBER: 60/100919
48 PRIOR FILING DATE: 1998-09-17
49 PRIOR APPLICATION NUMBER: 60/100930
50 PRIOR FILING DATE: 1998-09-17
51 PRIOR APPLICATION NUMBER: 60/101014
52 PRIOR FILING DATE: 1998-09-18
53 PRIOR APPLICATION NUMBER: 60/101068
54 PRIOR FILING DATE: 1998-09-18
55 PRIOR APPLICATION NUMBER: 60/101071
56 PRIOR FILING DATE: 1998-09-18
57 PRIOR APPLICATION NUMBER: 60/101279
58 PRIOR FILING DATE: 1998-09-22
59 PRIOR APPLICATION NUMBER: 60/101471
60 PRIOR FILING DATE: 1998-09-23
61 PRIOR APPLICATION NUMBER: 60/101472
62 PRIOR FILING DATE: 1998-09-23
63 PRIOR APPLICATION NUMBER: 60/101474
64 PRIOR FILING DATE: 1998-09-23
65 PRIOR APPLICATION NUMBER: 60/101475
66 PRIOR FILING DATE: 1998-09-23
67 PRIOR APPLICATION NUMBER: 60/101476
68 PRIOR FILING DATE: 1998-09-23
69 PRIOR APPLICATION NUMBER: 60/101477
70 PRIOR FILING DATE: 1998-09-23
71 PRIOR APPLICATION NUMBER: 60/101479
72 PRIOR FILING DATE: 1998-09-23
73 PRIOR APPLICATION NUMBER: 60/101738
74 PRIOR FILING DATE: 1998-09-24
75 PRIOR APPLICATION NUMBER: 60/101741
76 PRIOR FILING DATE: 1998-09-24
77 PRIOR APPLICATION NUMBER: 60/101743
78 PRIOR FILING DATE: 1998-09-24
79 PRIOR APPLICATION NUMBER: 60/101915
80 PRIOR FILING DATE: 1998-09-24
81 PRIOR APPLICATION NUMBER: 60/101916
82 PRIOR FILING DATE: 1998-09-24
83 PRIOR APPLICATION NUMBER: 60/102207
84 PRIOR FILING DATE: 1998-09-29
85 PRIOR APPLICATION NUMBER: 60/102240
86 PRIOR FILING DATE: 1998-09-29
87 PRIOR APPLICATION NUMBER: 60/102307
88 PRIOR FILING DATE: 1998-09-29
89 PRIOR APPLICATION NUMBER: 60/102330
90 PRIOR FILING DATE: 1998-09-29
91 PRIOR APPLICATION NUMBER: 60/102331
92 PRIOR FILING DATE: 1998-09-29
93 PRIOR APPLICATION NUMBER: 60/102484
94 PRIOR FILING DATE: 1998-09-30
95 PRIOR APPLICATION NUMBER: 60/102487
96 PRIOR FILING DATE: 1998-09-30
97 PRIOR APPLICATION NUMBER: 60/102570
98 PRIOR FILING DATE: 1998-09-30
99 PRIOR APPLICATION NUMBER: 60/102571
100 PRIOR FILING DATE: 1998-09-30
101 PRIOR APPLICATION NUMBER: 60/102684
102 PRIOR FILING DATE: 1998-10-01
103 PRIOR APPLICATION NUMBER: 60/102687
104 PRIOR FILING DATE: 1998-10-01
105 PRIOR APPLICATION NUMBER: 60/102965
106 PRIOR FILING DATE: 1998-10-02
107 PRIOR APPLICATION NUMBER: 60/103258
108 PRIOR FILING DATE: 1998-10-06
109 PRIOR APPLICATION NUMBER: 60/103314
110 PRIOR FILING DATE: 1998-10-07
111 PRIOR APPLICATION NUMBER: 60/103315
112 PRIOR FILING DATE: 1998-10-07
113 PRIOR APPLICATION NUMBER: 60/103328
114 PRIOR FILING DATE: 1998-10-07
115 PRIOR APPLICATION NUMBER: 60/103395
116 PRIOR FILING DATE: 1998-10-07
117 PRIOR APPLICATION NUMBER: 60/103396
118 PRIOR FILING DATE: 1998-10-07
119 PRIOR APPLICATION NUMBER: 60/103401
120 PRIOR FILING DATE: 1998-10-07
121 PRIOR APPLICATION NUMBER: 60/103449
122 PRIOR FILING DATE: 1998-10-06
123 PRIOR APPLICATION NUMBER: 60/103633
124 PRIOR FILING DATE: 1998-10-08
125 PRIOR APPLICATION NUMBER: 60/103678
126 PRIOR FILING DATE: 1998-10-08
127 PRIOR APPLICATION NUMBER: 60/103679
128 PRIOR FILING DATE: 1998-10-08
129 PRIOR APPLICATION NUMBER: 60/103711
130 PRIOR FILING DATE: 1998-10-08
131 PRIOR APPLICATION NUMBER: 60/104257
132 PRIOR FILING DATE: 1998-10-14
133 PRIOR APPLICATION NUMBER: 60/104987
134 PRIOR FILING DATE: 1998-10-20
135 PRIOR APPLICATION NUMBER: 60/105000
136 PRIOR FILING DATE: 1998-10-20
137 PRIOR APPLICATION NUMBER: 60/105002
138 PRIOR FILING DATE: 1998-10-20
139 PRIOR APPLICATION NUMBER: 60/105104
140 PRIOR FILING DATE: 1998-10-21
141 PRIOR APPLICATION NUMBER: 60/105169
142 PRIOR FILING DATE: 1998-10-22
143 PRIOR APPLICATION NUMBER: 60/105266
144 PRIOR FILING DATE: 1998-10-22
145 PRIOR APPLICATION NUMBER: 60/105693
146 PRIOR FILING DATE: 1998-10-26

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; PRIOR APPLICATION NUMBER: 60/105694
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105807
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/105881
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/105882
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/106023
; PRIOR FILING DATE: 1998-10-28

```

```

Query Match          1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

Qy 900 GGAAGAGGAGGCTCTGGAGAC 920
Db 2 GGAAGAGGAGGCTCTGGAGTC 22

```

RESULT 75

```

US-10-006-856A-222
; Sequence 222, Application US/10006856A
; Publication No. US20030044841A1
; GENERAL INFORMATION:

```

```

; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.

```

```

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C46
; CURRENT APPLICATION NUMBER: US/10/006,856A
; CURRENT FILING DATE: 2002-05-10
; NUMBER OF SEQ ID NOS: 477
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 222
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe

```

US-10-006-856A-222

```

Query Match          1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

Qy 900 GGAAGAGGAGGCTCTGGAGAC 920
Db 2 GGAAGAGGAGGCTCTGGAGTC 22

```

RESULT 76

```

US-10-006-818A-222
; Sequence 222, Application US/10006818A
; Publication No. US20030054406A1
; GENERAL INFORMATION:

```

```

; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone

```

```

; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C46
; CURRENT APPLICATION NUMBER: US/10/006,818A
; CURRENT FILING DATE: 2001-12-06
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 222
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-818A-222

```

```

Query Match          1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

Qy 900 GGAAGAGGAGGCTCTGGAGAC 920
Db 2 GGAAGAGGAGGCTCTGGAGTC 22

```

RESULT 77

```

US-10-015-393A-222
; Sequence 222, Application US/10015393A
; Publication No. US20030069179A1
; GENERAL INFORMATION:

```

```

; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.

```

```

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C46
; CURRENT APPLICATION NUMBER: US/10/015,393A
; CURRENT FILING DATE: 2002-06-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 222
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-393A-222

```

```

Query Match          1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

Qy 900 GGAAGAGGAGGCTCTGGAGAC 920

```


Db 2 GGAAGAGGAGCCCTTGGAGTC 22

RESULT 78

US-10-015-869A-222
; Sequence 222, Application US/10015869A
; Publication No. US20030073130A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C45
; CURRENT APPLICATION NUMBER: US/10/015,869A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 222
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-869A-222

Query Match 1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 900 GGAAGAGGAGCTCTTGGAGAC 920
|||||
Db 2 GGAAGAGGAGCCCTTGGAGTC 22

RESULT 79

US-10-012-121A-222
; Sequence 222, Application US/10012121A
; Publication No. US20030073810A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C20
; CURRENT APPLICATION NUMBER: US/10/012,121A
; CURRENT FILING DATE: 2001-12-07
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 222

; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-121A-222

Query Match 1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 900 GGAAGAGGAGCTCTTGGAGAC 920
|||||
Db 2 GGAAGAGGAGCCCTTGGAGTC 22

RESULT 80

US-10-006-116A-222
; Sequence 222, Application US/10006116A
; Publication No. US20030082626A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C15
; CURRENT APPLICATION NUMBER: US/10/006,116A
; CURRENT FILING DATE: 2001-12-16
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 222
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-116A-222

Query Match 1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

PRIOR APPLICATION NUMBER: 60/102240	PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102307	PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102330	PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102330	PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102331	PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102484	PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102487	PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102570	PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102571	PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102684	PRIOR FILING DATE: 1998-10-01
PRIOR APPLICATION NUMBER: 60/102687	PRIOR FILING DATE: 1998-10-01
PRIOR APPLICATION NUMBER: 60/102965	PRIOR FILING DATE: 1998-10-02
PRIOR APPLICATION NUMBER: 60/103258	PRIOR FILING DATE: 1998-10-06
PRIOR APPLICATION NUMBER: 60/103314	PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103315	PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103328	PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103395	PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103396	PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103401	PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103449	PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103633	PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/103678	PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/103679	PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/103711	PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/104257	PRIOR FILING DATE: 1998-10-14
PRIOR APPLICATION NUMBER: 60/104987	PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105000	PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105002	PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105104	PRIOR FILING DATE: 1998-10-21
PRIOR APPLICATION NUMBER: 60/105169	PRIOR FILING DATE: 1998-10-22
PRIOR APPLICATION NUMBER: 60/105266	PRIOR APPLICATION NUMBER: 60/105266
PRIOR APPLICATION NUMBER: 60/105593	PRIOR APPLICATION NUMBER: 60/105593
PRIOR APPLICATION NUMBER: 60/105694	PRIOR APPLICATION NUMBER: 60/105694
PRIOR APPLICATION NUMBER: 60/105807	PRIOR APPLICATION NUMBER: 60/105807
PRIOR APPLICATION NUMBER: 60/105881	PRIOR APPLICATION NUMBER: 60/105881
PRIOR APPLICATION NUMBER: 60/105882	PRIOR APPLICATION NUMBER: 60/105882
PRIOR APPLICATION NUMBER: 60/106023	PRIOR APPLICATION NUMBER: 60/106023
PRIOR APPLICATION NUMBER: 60/106028	PRIOR APPLICATION NUMBER: 60/106028

Query Match 1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 900 GGAAGAGGAGCTCTTGGAGAC 920
Db 2 GGAAGAGGAGCCCTTGGAGTC 22

RESULT 81

US-10-006-117A-222
; Sequence 222, Application US/10006117A
; Publication No. US20030082627A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C63
; CURRENT APPLICATION NUMBER: US/10/006,117A
; CURRENT FILING DATE: 2002-03-19
; Prior Application removed - See File Wrapper or Palm
; PRIOR FILING DATE: 2001-07-09
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 222
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-117A-222

Query Match 1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 900 GGAAGAGGAGCTCTTGGAGAC 920
Db 2 GGAAGAGGAGCCCTTGGAGTC 22

RESULT 82

US-10-017-527A-222
; Sequence 222, Application US/10017527A
; Publication No. US20030082628A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C63
; CURRENT APPLICATION NUMBER: US/10/017,527A
; CURRENT FILING DATE: 2001-12-13
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099602
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099642
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099741
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099754
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099763
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099792
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099808
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099812
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099815
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099816
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/100385
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100388
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100390
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100584
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100627
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100661
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100662
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100664
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100683
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/100684
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/100710
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/100711
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/100848
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/100849
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/100919

; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/100930
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/101014
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/101068
; PRIOR FILING DATE: 1998-09-18
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; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/101279
; PRIOR FILING DATE: 1998-09-22
; PRIOR APPLICATION NUMBER: 60/101471
; PRIOR FILING DATE: 1998-09-23
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; PRIOR APPLICATION NUMBER: 60/101474
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; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/101741
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; PRIOR APPLICATION NUMBER: 60/101743
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; PRIOR FILING DATE: 1998-09-24
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; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/102207
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; PRIOR APPLICATION NUMBER: 60/102331
; PRIOR FILING DATE: 1998-09-29
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; PRIOR FILING DATE: 1998-09-30
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; PRIOR FILING DATE: 1998-09-30
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; PRIOR APPLICATION NUMBER: 60/102687
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; PRIOR APPLICATION NUMBER: 60/102965
; PRIOR FILING DATE: 1998-10-02
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; PRIOR FILING DATE: 1998-10-06
; PRIOR APPLICATION NUMBER: 60/103314
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; PRIOR APPLICATION NUMBER: 60/103315
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103328
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103395
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103396
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103401
; PRIOR FILING DATE: 1998-10-07

; PRIOR APPLICATION NUMBER: 60/103449
; PRIOR FILING DATE: 1998-10-06
; PRIOR APPLICATION NUMBER: 60/103633
; PRIOR FILING DATE: 1998-10-08
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; PRIOR FILING DATE: 1998-10-21
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; PRIOR APPLICATION NUMBER: 60/105266
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; PRIOR FILING DATE: 1998-10-26
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; PRIOR APPLICATION NUMBER: 60/105807
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/105881
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/105882
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/106023
; PRIOR FILING DATE: 1998-10-28

Query Match 1.0%; Score 17.8; DB 1; Length 24;

Best Local Similarity 90.5%; Pred.No. 72; Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 900 GGAAGAGGAGCTCTTGGAGAC 920
|||||
Db 2 GGAAGAGGAGCCTTGGAGTC 22

RESULT 83

US-10-013-913A-222
; Sequence 222, Application US/10013913A
; Publication No. US20030083462A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C40
; CURRENT APPLICATION NUMBER: US/10/013.913A
; CURRENT FILING DATE: 2002-07-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 222

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/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-913A-222

Query Match          1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 900 GGAAGAGGAGCTCTGGAGC 920
Db 2 GGAAGAGGAGCCCTTGAGTC 22

RESULT 84
US-10-007-194A-222
; Sequence 222, Application US/10007194A
; Publication No. US20030092061A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C6
; CURRENT APPLICATION NUMBER: US/10/007,194A
; CURRENT FILING DATE: 2002-06-25
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099602
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099642
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099741
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099754
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099763
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099792
; PRIOR FILING DATE: 1998-09-10
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; PRIOR FILING DATE: 1998-09-29
; PRIOR APPLICATION NUMBER: 60/099812
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099815
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099816
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099816
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/100385
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100388
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100390
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100584
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100627
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100661
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100662
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100664
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100683
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/100684
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/100710
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/100711
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/100848
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/100849
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/100919
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/100930
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/101014
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/101068
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/101071
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/101279
; PRIOR FILING DATE: 1998-09-22
; PRIOR APPLICATION NUMBER: 60/101471
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101472
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101474
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101475
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101476
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101477
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101479
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101738
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/101741
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/101743
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/101915
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/101916
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/102207
; PRIOR FILING DATE: 1998-09-29
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Query Match	1.0%;	Score
Best Local Similarity	90.5%;	Pred.
Matches	19;	Conservative
0Y	900	GGAAGAGGAGCTCTTGGAGAC 920
Db	2	GGAAGAGGAGCCCTTGGAGTC 22
RESULT 85		
US-10-013-430A-222		
Sequence 222	Application US/100134308	
Publication No.	US20030092883A1	
GENERAL INFORMATION:		
APPLICANT:	Baker, Kevin P.	
APPLICANT:	Botstein, David	
APPLICANT:	Desnovers, Luc	
APPLICANT:	Eaton, Dan I.	
APPLICANT:	Ferrara, Napoleone	
APPLICANT:	Fong, Sherman	
APPLICANT:	Gao, Wei-Qiang	
APPLICANT:	Goddard, Audrey	
APPLICANT:	Godowski, Paul J.	
APPLICANT:	Grimaldi, Christopher J.	
APPLICANT:	Gurney, Austin L.	
APPLICANT:	Hillan, Kenneth J.	
APPLICANT:	Pan, James	
APPLICANT:	Paoni, Nicholas F.	
TITLE OF INVENTION:	Secreted and Trans	
TITLE OF INVENTION:	Acids Encoding t	
FILE REFERENCE:	P2830PIC31	
CURRENT APPLICATION NUMBER:	US/10/013	
CURRENT FILING DATE:	2002-06-25	
Prior Application removed -	See File	
NUMBER OF SEQ ID NOS:	477	
SEQ ID NO 222		
LENGTH:	24	
TYPE:	DNA	
ORGANISM:	Artificial Sequence	
FEATURE:		
OTHER INFORMATION:	Synthetic oligom	
US-10-013-430A-222		
Query Match	1.0%;	Score
Best Local Similarity	90.5%;	Pred.
Matches	19;	Conservative
0Y	900	GGAAGAGGAGCTCTTGGAGAC 920
Db	2	GGAAGAGGAGCCCTTGGAGTC 22
RESULT 86		
US-10-011-671A-222		
Sequence 222	Application US/10011671A	
Publication No.	US20030096954A1	
GENERAL INFORMATION:		
APPLICANT:	Baker, Kevin P.	
APPLICANT:	Botstein, David	
APPLICANT:	Desnovers, Luc	
APPLICANT:	Eaton, Dan I.	
APPLICANT:	Ferrara, Napoleone	
APPLICANT:	Fong, Sherman	
APPLICANT:	Gao, Wei-Qiang	
APPLICANT:	Goddard, Audrey	
APPLICANT:	Godowski, Paul J.	
APPLICANT:	Grimaldi, Christopher J.	
APPLICANT:	Gurney, Austin L.	
APPLICANT:	Hillan, Kenneth J.	
APPLICANT:	Pan, James	
APPLICANT:	Paoni, Nicholas F.	
TITLE OF INVENTION:	Secreted and Trans	
TITLE OF INVENTION:	Acids Encoding	

FILE REFERENCE: P230P1C27
CURRENT APPLICATION NUMBER: US/10/011,671A
CURRENT FILING DATE: 2002-06-10
PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098749
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098750
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098803
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098821
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098843
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/099536
PRIOR FILING DATE: 1998-09-09
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PRIOR FILING DATE: 1998-09-09
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PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099763
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099792
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PRIOR APPLICATION NUMBER: 60/099808
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/100385
PRIOR FILING DATE: 1998-09-15
PRIOR APPLICATION NUMBER: 60/100388
PRIOR FILING DATE: 1998-09-15
PRIOR APPLICATION NUMBER: 60/100390
PRIOR FILING DATE: 1998-09-15
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PRIOR APPLICATION NUMBER: 60/100627
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PRIOR APPLICATION NUMBER: 60/100664
PRIOR FILING DATE: 1998-09-16
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PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100684
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100710
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100711
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100848
PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/100849
PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/100919
PRIOR FILING DATE: 1998-09-17

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;/ PRIOR APPLICATION NUMBER: 60/105693
;/ PRIOR FILING DATE: 1998-10-26
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;/ PRIOR FILING DATE: 1998-10-26
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;/ PRIOR APPLICATION NUMBER: 60/105882
;/ PRIOR FILING DATE: 1998-10-27
;/ PRIOR APPLICATION NUMBER: 60/106023
;/ PRIOR FILING DATE: 1998-10-28

Query Match 1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 900 GGAAGAGGAGCTCTTGGAGAC 920
DB 2 GGAAGAGGAGCCCTTGGAGTC 22

RESULT 87

US-10-012-755A-222
; Sequence 222, Application US/10012755A
; Publication No. US20030096955A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830PIC28
; CURRENT APPLICATION NUMBER: US/012,755A
; CURRENT FILING DATE: 2002-06-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 222
; LENGTH: 24

;/ TYPE: DNA
;/ ORGANISM: Artificial Sequence
;/ FEATURE:
;/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-755A-222

Query Match 1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 900 GGAAGAGGAGCTCTTGGAGAC 920
DB 2 GGAAGAGGAGCCCTTGGAGTC 22

RESULT 88

US-10-015-386A-222
; Sequence 222, Application US/10015386A
; Publication No. US20030099625A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830PIC55
; CURRENT APPLICATION NUMBER: US/10/015,386A
; CURRENT FILING DATE: 2001-12-12
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 222
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-386A-222

Query Match 1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 900 GGAAGAGGAGCTCTTGGAGAC 920
DB 2 GGAAGAGGAGCCCTTGGAGTC 22

RESULT 89

US-10-011-692A-222
; Sequence 222, Application US/10011692A
; Publication No. US20030109672A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.


```
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C30
; CURRENT FILING DATE: 2001-12-07
; Prior application removed - See file Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 222
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-011-692A-222

Query Match      1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      900 GGAAGAGGAGCTCTTGAGAC 920
Db      2 GGAAGAGGAGCCCTTGAGTC 22

RESULT 90
US-10-006-768A-222
; Sequence 222, Application US/10006768A
; Publication No US20030113793A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C64
; CURRENT FILING DATE: 2001-12-13
; Prior application removed - See file Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 222
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-768A-222

Query Match      1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      900 GGAAGAGGAGCTCTTGAGAC 920
Db      2 GGAAGAGGAGCCCTTGAGTC 22

RESULT 91
US-10-017-610A-222
; Sequence 222, Application US/10017610A
; Publication No. US20030113795A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C64
; CURRENT FILING DATE: 2001-12-13
; Prior application removed - See file Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 222
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-768A-222

Query Match      1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      900 GGAAGAGGAGCTCTTGAGAC 920
Db      2 GGAAGAGGAGCCCTTGAGTC 22
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;; PRIOR FILING DATE: 1998-09-16
;; PRIOR APPLICATION NUMBER: 60/100662
;; PRIOR FILING DATE: 1998-09-16
;; PRIOR APPLICATION NUMBER: 60/100664
;; PRIOR FILING DATE: 1998-09-16
;; PRIOR APPLICATION NUMBER: 60/100683
;; PRIOR FILING DATE: 1998-09-17
;; PRIOR APPLICATION NUMBER: 60/100684
;; PRIOR FILING DATE: 1998-09-17
;; PRIOR APPLICATION NUMBER: 60/100710
;; PRIOR FILING DATE: 1998-09-17
;; PRIOR APPLICATION NUMBER: 60/100711
;; PRIOR FILING DATE: 1998-09-17
;; PRIOR APPLICATION NUMBER: 60/100848
;; PRIOR FILING DATE: 1998-09-18
;; PRIOR APPLICATION NUMBER: 60/100849
;; PRIOR FILING DATE: 1998-09-16
;; PRIOR APPLICATION NUMBER: 60/100919
;; PRIOR FILING DATE: 1998-09-17
;; PRIOR APPLICATION NUMBER: 60/100930
;; PRIOR FILING DATE: 1998-09-17
;; PRIOR APPLICATION NUMBER: 60/101014
;; PRIOR FILING DATE: 1998-09-18
;; PRIOR APPLICATION NUMBER: 60/101068
;; PRIOR FILING DATE: 1998-09-18
;; PRIOR APPLICATION NUMBER: 60/101071
;; PRIOR FILING DATE: 1998-09-18
;; PRIOR APPLICATION NUMBER: 60/101279
;; PRIOR FILING DATE: 1998-09-22
;; PRIOR APPLICATION NUMBER: 60/101471
;; PRIOR FILING DATE: 1998-09-23
;; PRIOR APPLICATION NUMBER: 60/101472
;; PRIOR FILING DATE: 1998-09-23
;; PRIOR APPLICATION NUMBER: 60/101474
;; PRIOR FILING DATE: 1998-09-23
;; PRIOR APPLICATION NUMBER: 60/101475
;; PRIOR FILING DATE: 1998-09-23
;; PRIOR APPLICATION NUMBER: 60/101476
;; PRIOR FILING DATE: 1998-09-23
;; PRIOR APPLICATION NUMBER: 60/101477
;; PRIOR FILING DATE: 1998-09-23
;; PRIOR APPLICATION NUMBER: 60/101479
;; PRIOR FILING DATE: 1998-09-23
;; PRIOR APPLICATION NUMBER: 60/101738
;; PRIOR FILING DATE: 1998-09-24
;; PRIOR APPLICATION NUMBER: 60/101741
;; PRIOR FILING DATE: 1998-09-24
;; PRIOR APPLICATION NUMBER: 60/101743
;; PRIOR FILING DATE: 1998-09-24
;; PRIOR APPLICATION NUMBER: 60/101915
;; PRIOR FILING DATE: 1998-09-24
;; PRIOR APPLICATION NUMBER: 60/101916
;; PRIOR FILING DATE: 1998-09-24
;; PRIOR APPLICATION NUMBER: 60/102207
;; PRIOR FILING DATE: 1998-09-29
;; PRIOR APPLICATION NUMBER: 60/102240
;; PRIOR FILING DATE: 1998-09-29
;; PRIOR APPLICATION NUMBER: 60/102307
;; PRIOR FILING DATE: 1998-09-29
;; PRIOR APPLICATION NUMBER: 60/102330
;; PRIOR FILING DATE: 1998-09-29
;; PRIOR APPLICATION NUMBER: 60/102331
;; PRIOR FILING DATE: 1998-09-29
;; PRIOR APPLICATION NUMBER: 60/102484
;; PRIOR FILING DATE: 1998-09-30
;; PRIOR APPLICATION NUMBER: 60/102487
;; PRIOR FILING DATE: 1998-09-30
;; PRIOR APPLICATION NUMBER: 60/102570
;; PRIOR FILING DATE: 1998-09-30
;; PRIOR APPLICATION NUMBER: 60/102571
;; PRIOR FILING DATE: 1998-09-30
;; PRIOR APPLICATION NUMBER: 60/102684
;; PRIOR FILING DATE: 1998-10-01

;; PRIOR APPLICATION NUMBER: 60/102687
;; PRIOR FILING DATE: 1998-10-01
;; PRIOR APPLICATION NUMBER: 60/102965
;; PRIOR FILING DATE: 1998-10-02
;; PRIOR APPLICATION NUMBER: 60/103258
;; PRIOR FILING DATE: 1998-10-06
;; PRIOR APPLICATION NUMBER: 60/103314
;; PRIOR FILING DATE: 1998-10-07
;; PRIOR APPLICATION NUMBER: 60/103315
;; PRIOR FILING DATE: 1998-10-07
;; PRIOR APPLICATION NUMBER: 60/103328
;; PRIOR FILING DATE: 1998-10-07
;; PRIOR APPLICATION NUMBER: 60/103395
;; PRIOR FILING DATE: 1998-10-07
;; PRIOR APPLICATION NUMBER: 60/103396
;; PRIOR FILING DATE: 1998-10-07
;; PRIOR APPLICATION NUMBER: 60/103401
;; PRIOR FILING DATE: 1998-10-07
;; PRIOR APPLICATION NUMBER: 60/103449
;; PRIOR FILING DATE: 1998-10-06
;; PRIOR APPLICATION NUMBER: 60/103633
;; PRIOR FILING DATE: 1998-10-08
;; PRIOR APPLICATION NUMBER: 60/103678
;; PRIOR FILING DATE: 1998-10-08
;; PRIOR APPLICATION NUMBER: 60/103679
;; PRIOR FILING DATE: 1998-10-08
;; PRIOR APPLICATION NUMBER: 60/103711
;; PRIOR FILING DATE: 1998-10-08
;; PRIOR APPLICATION NUMBER: 60/104257
;; PRIOR FILING DATE: 1998-10-14
;; PRIOR APPLICATION NUMBER: 60/104987
;; PRIOR FILING DATE: 1998-10-20
;; PRIOR APPLICATION NUMBER: 60/105000
;; PRIOR FILING DATE: 1998-10-20
;; PRIOR APPLICATION NUMBER: 60/105002
;; PRIOR FILING DATE: 1998-10-20
;; PRIOR APPLICATION NUMBER: 60/105104
;; PRIOR FILING DATE: 1998-10-21
;; PRIOR APPLICATION NUMBER: 60/105169
;; PRIOR FILING DATE: 1998-10-22
;; PRIOR APPLICATION NUMBER: 60/105266
;; PRIOR FILING DATE: 1998-10-22
;; PRIOR APPLICATION NUMBER: 60/105693
;; PRIOR FILING DATE: 1998-10-26
;; PRIOR APPLICATION NUMBER: 60/105694
;; PRIOR FILING DATE: 1998-10-26
;; PRIOR APPLICATION NUMBER: 60/105807
;; PRIOR FILING DATE: 1998-10-27
;; PRIOR APPLICATION NUMBER: 60/105881
;; PRIOR FILING DATE: 1998-10-27
;; PRIOR APPLICATION NUMBER: 60/105882
;; PRIOR FILING DATE: 1998-10-27
;; PRIOR APPLICATION NUMBER: 60/106023
;; PRIOR FILING DATE: 1998-10-28

Query Match 1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 900 GGAAGAGGAGCTCTTGGAGAC 920
Db 2 GGAAGAGGAGCCCTTGGAGTC 22
|||||

RESULT 92
US-10-006-063A-222
; Sequence 222, Application US/10006063A
; Publication No. US20030114652A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.

```
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C3
; CURRENT APPLICATION NUMBER: US/10/006,063A
; CURRENT FILING DATE: 2002-03-15
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 222
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-063A-222

Query Match          1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 900 GGAAGAGGAGCTCTTGGAGAC 920
Db 2 GGAAGAGGAGGCCCTTGGAGTC 22

RESULT 93
US-10-006-063A-222
; Sequence 222, Application US/10020063A
; Publication No. US20030119097A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C3
; CURRENT APPLICATION NUMBER: US/10/020,063A
; CURRENT FILING DATE: 2002-09-04
; Prior Application Number: 60/098716
; Prior Filing Date: 1998-09-01
; Prior Application Number: 60/098723
; Prior Filing Date: 1998-09-01
; Prior Application Number: 60/098749
; Prior Filing Date: 1998-09-01
; Prior Application Number: 60/098750
; Prior Filing Date: 1998-09-01
; Prior Application Number: 60/098803
; Prior Filing Date: 1998-09-02
; Prior Application Number: 60/098821
; Prior Filing Date: 1998-09-02
; Prior Application Number: 60/098843
; Prior Filing Date: 1998-09-02
; Prior Application Number: 60/099536
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; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 222
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-020-063A-222

Query Match          1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 900 GGAAGAGGAGCTCTTGGAGAC 920
Db 2 GGAAGAGGAGGCCCTTGGAGTC 22

RESULT 94
US-10-015-391A-222
; Sequence 222, Application US/10015391A
; Publication No. US20030120053A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C59
; CURRENT APPLICATION NUMBER: US/10/015,391A
; CURRENT FILING DATE: 2001-12-12
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 222
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-391A-222

Query Match          1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 900 GGAAGAGGAGCTCTTGGAGAC 920
Db 2 GGAAGAGGAGGCCCTTGGAGTC 22

RESULT 95
US-10-017-407A-222
; Sequence 222, Application US/10017407A
; Publication No. US20030125353A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
```

```
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan l.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C61
; CURRENT APPLICATION NUMBER: US/10/017,407A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 222
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-407A-222

Query Match 1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 900 GGAAGAGGAGCTCTTGGAGAC 920
DB 2 GGAAGAGGAGCCCTTGGAGTC 22

RESULT 96
US-10-006-041A-222
; Sequence 222, Application US/10006041A
; Publication No. US20030130490A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan l.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C8
; CURRENT APPLICATION NUMBER: US/10/006,041A
; CURRENT FILING DATE: 2001-12-06
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 222
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-041A-222

Query Match 1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 900 GGAAGAGGAGCTCTTGGAGAC 920
DB 2 GGAAGAGGAGCCCTTGGAGTC 22
```

```
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 900 GGAAGAGGAGCTCTTGGAGAC 920
DB 2 GGAAGAGGAGCCCTTGGAGTC 22

RESULT 97
US-10-011-833A-222
; Sequence 222, Application US/10011833A
; Publication No. US20030129650A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan l.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C22
; CURRENT APPLICATION NUMBER: US/10/011,833A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 222
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-011-833A-222

Query Match 1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 900 GGAAGAGGAGCTCTTGGAGAC 920
DB 2 GGAAGAGGAGCCCTTGGAGTC 22

RESULT 98
US-10-015-822A-222
; Sequence 222, Application US/10015822A
; Publication No. US20030130491A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan l.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C38
; CURRENT APPLICATION NUMBER: US/10/015,822A
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/ CURRENT FILING DATE: 2002-06-10
/ Prior Application removed - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 477
/ SEQ ID NO 222
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-822A-222

Query Match      1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 72;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 900 GGAAGAGGAGCTCTTGAGAC 920
Db 2 GGAAGAGGAGCCCTTGGAGTC 22

RESULT 99
US-10-098-263B-26327
/ Sequence 26327, Application US/10098263B
/ Publication No. US20030104410A1
/ GENERAL INFORMATION:
/ APPLICANT: Mittman, Michael
/ TITLE OF INVENTION: Human Microarray
/ FILE REFERENCE: 3118.1
/ CURRENT APPLICATION NUMBER: US/10/098,263B
/ CURRENT FILING DATE: 2003-01-08
/ PRIOR APPLICATION NUMBER: 60/276,759
/ PRIOR FILING DATE: 2001-03-16
/ NUMBER OF SEQ ID NOS: 131066
/ SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
/ SEQ ID NO 26327
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapien
US-10-098-263B-26327

Query Match      1.0%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 78;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1331 CCCGGAACCCACAGAGATGCTG 1351
Db 3 CCCGGAACCCACAGAGATCTG 23

RESULT 100
US-10-098-263B-26963
/ Sequence 26963, Application US/10098263B
/ Publication No. US20030104410A1
/ GENERAL INFORMATION:
/ APPLICANT: Mittman, Michael
/ TITLE OF INVENTION: Human Microarray
/ FILE REFERENCE: 3118.1
/ CURRENT APPLICATION NUMBER: US/10/098,263B
/ CURRENT FILING DATE: 2003-01-08
/ PRIOR APPLICATION NUMBER: 60/276,759
/ PRIOR FILING DATE: 2001-03-16
/ NUMBER OF SEQ ID NOS: 131066
/ SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
/ SEQ ID NO 26963
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapien
US-10-098-263B-26963

Query Match      1.0%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 78;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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```
Qy 1331 CCCGGAACCCACAGAGATGCTG 1351
Db 4 CCCGGAACCCACAGAGATCTG 24

RESULT 101
US-10-098-263B-11355
/ Sequence 11355, Application US/10098263B
/ Publication No. US20030104410A1
/ GENERAL INFORMATION:
/ APPLICANT: Mittman, Michael
/ TITLE OF INVENTION: Human Microarray
/ FILE REFERENCE: 3118.1
/ CURRENT APPLICATION NUMBER: US/10/098,263B
/ CURRENT FILING DATE: 2003-01-08
/ PRIOR APPLICATION NUMBER: 60/276,759
/ PRIOR FILING DATE: 2001-03-16
/ NUMBER OF SEQ ID NOS: 131066
/ SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
/ SEQ ID NO 11355
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapien
US-10-098-263B-11355

Query Match      1.0%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 85;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 960 AGACCCCGAGAGAGTCAACCCCT 983
Db 2 AGACCCCGAGAGAGACCAACCCCT 25

RESULT 102
US-10-098-263B-26406/c
/ Sequence 26406, Application US/10098263B
/ Publication No. US20030104410A1
/ GENERAL INFORMATION:
/ APPLICANT: Mittman, Michael
/ TITLE OF INVENTION: Human Microarray
/ FILE REFERENCE: 3118.1
/ CURRENT APPLICATION NUMBER: US/10/098,263B
/ CURRENT FILING DATE: 2003-01-08
/ PRIOR APPLICATION NUMBER: 60/276,759
/ PRIOR FILING DATE: 2001-03-16
/ NUMBER OF SEQ ID NOS: 131066
/ SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
/ SEQ ID NO 26406
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapien
US-10-098-263B-26406

Query Match      1.0%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 85;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 955 CAGGGAGACCCCGAGAGAGTCAA 978
Db 25 CAAGGAGCCCGAGTCAAGATCAA 2

RESULT 103
US-10-098-263B-66381/c
/ Sequence 66381, Application US/10098263B
/ Publication No. US20030104410A1
/ GENERAL INFORMATION:
/ APPLICANT: Mittman, Michael
/ TITLE OF INVENTION: Human Microarray
/ FILE REFERENCE: 3118.1
/ CURRENT APPLICATION NUMBER: US/10/098,263B
/ CURRENT FILING DATE: 2003-01-08
```

;; PRIOR APPLICATION NUMBER: 60/276,759
;; PRIOR FILING DATE: 2001-03-16
;; NUMBER OF SEQ ID NOS: 131066
;; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
;; SEQ ID NO 66381
;; LENGTH: 25
;; TYPE: DNA
;; ORGANISM: Homo sapien
US-10-098-263B-66381

Query Match 1.0%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 85;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Qy 366 TTCTGAAGACTCTTTTACTCAA 389
Db 25 TTCTGAAGACAGTATTACTAAA 2

RESULT 104
US-10-098-263B-75930
;; Sequence 75930, Application US/10098263B
;; Publication No. US20030104410A1
;; GENERAL INFORMATION:
;; APPLICANT: Mittman, Michael
;; TITLE OF INVENTION: Human Microarray
;; FILE REFERENCE: 3118.1
;; CURRENT APPLICATION NUMBER: US/10/098,263B
;; CURRENT FILING DATE: 2003-01-08
;; PRIOR APPLICATION NUMBER: 60/276,759
;; PRIOR FILING DATE: 2001-03-16
;; NUMBER OF SEQ ID NOS: 131066
;; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
;; SEQ ID NO 75930
;; LENGTH: 25
;; TYPE: DNA
;; ORGANISM: Homo sapien
US-10-098-263B-75930

Query Match 1.0%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 85;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Qy 790 GTTCTGGTCAAGAAAGGTGATGTC 813
Db 1 GTTCTGGTCAAGTAAAGTCAAGAC 24

RESULT 105
US-10-098-263B-80535
;; Sequence 80535, Application US/10098263B
;; Publication No. US20030104410A1
;; GENERAL INFORMATION:
;; APPLICANT: Mittman, Michael
;; TITLE OF INVENTION: Human Microarray
;; FILE REFERENCE: 3118.1
;; CURRENT APPLICATION NUMBER: US/10/098,263B
;; CURRENT FILING DATE: 2003-01-08
;; PRIOR APPLICATION NUMBER: 60/276,759
;; PRIOR FILING DATE: 2001-03-16
;; NUMBER OF SEQ ID NOS: 131066
;; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
;; SEQ ID NO 80535
;; LENGTH: 25
;; TYPE: DNA
;; ORGANISM: Homo sapien
US-10-098-263B-80535

Query Match 1.0%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 85;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Qy 1332 CCGGAACCAAGAGATGCTGGAGC 1355

Db 1 CCGGAACCAAGAGACTCTGAGGC 24
RESULT 106
US-10-060-998-2417
;; Sequence 2417, Application US/10060998
;; Publication No. US20030104530A1
;; GENERAL INFORMATION:
;; APPLICANT: Gu, Yizhong
;; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
;; FILE REFERENCE: PB01108
;; CURRENT APPLICATION NUMBER: US/10/060,998
;; CURRENT FILING DATE: 2002-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00666
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: US 09/864,761
;; PRIOR FILING DATE: 2001-05-23
;; PRIOR APPLICATION NUMBER: US 60/343,331
;; PRIOR FILING DATE: 2001-12-21
;; NUMBER OF SEQ ID NOS: 3056
;; SOFTWARE: Acomica Sequence Listing Engine
;; SEQ ID NO 2417
;; LENGTH: 25
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-10-060-998-2417

Query Match 1.0%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 85;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Qy 163 CAGCTGTGGCCATTTCCTGGGA 186
Db 2 CAGCTGTGGGAATTCCTGGGA 25

RESULT 107
US-09-920-394-45/c
;; Sequence 45, Application US/09920394
;; Publication No. US20030096773A1
;; GENERAL INFORMATION:
;; APPLICANT: Rosanne M. Crooke
;; APPLICANT: Mark J. Graham
;; APPLICANT: Kristina M. Lemonidis
;; TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COENZYME A CHOLESTEROL ACYLTRANSFERASE
;; TITLE OF INVENTION: EXPRESSION
;; FILE REFERENCE: ISPH-0589
;; CURRENT APPLICATION NUMBER: US/09/920,394
;; CURRENT FILING DATE: 2001-08-01
;; NUMBER OF SEQ ID NOS: 62
;; SEQ ID NO 45
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-394-45

Query Match 1.0%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 61;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 121 GGCAAGTCTCTGGGAAGT 139
Db 19 GGCAAGTCTCTGGGAAGT 1

RESULT 108
US-09-920-394-55/c
;; Sequence 55, Application US/09920394
;; Publication No. US20030096773A1
;; GENERAL INFORMATION:

```

; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; APPLICANT: Kristina M. Lemonidis
; TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COENZYME A CHOLESTEROL ACYLTRANSFERASE
; FILE REFERENCE: ISPH-0589
; CURRENT APPLICATION NUMBER: US/09/920,394
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 62
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-394-55

Query Match          1.0%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 61;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1526 TCTGGCCCACTTTGTCTG 1544
      |||||
Db 20 TCTGGCCCACTTTGTCTAG 2

RESULT 109
US-09-920-394-57/c
; Sequence 57, Application US/09920394
; Publication No. US20030096773A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; APPLICANT: Kristina M. Lemonidis
; TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COENZYME A CHOLESTEROL ACYLTRANSFERASE
; FILE REFERENCE: ISPH-0589
; CURRENT APPLICATION NUMBER: US/09/920,394
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 62
; SEQ ID NO 57
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-394-57

Query Match          1.0%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 79;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1718 AACACATAGAGCTGTGAATG 1737
      |||||
Db 20 AACACATGAGCTGTGAATG 1

RESULT 110
US-10-188-646-16
; Sequence 16, Application US/10188646
; Publication No. US20040005565A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF LIVIN EXPRESSION
; FILE REFERENCE: RTS-0373
; CURRENT APPLICATION NUMBER: US/10/188,646
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 153
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence

```

```

; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-188-646-16

Query Match          1.0%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 79;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 654 TGGAGGGAACCCAGGCTCTG 673
      |||||
Db 1 TGGAGGGAACACTGGCTCTG 20

RESULT 111
US-10-188-646-94/c
; Sequence 94, Application US/10188646
; Publication No. US20040005565A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF LIVIN EXPRESSION
; FILE REFERENCE: RTS-0373
; CURRENT APPLICATION NUMBER: US/10/188,646
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 153
; SEQ ID NO 94
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-188-646-94

Query Match          1.0%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 79;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 654 TGGAGGGAACCCAGGCTCTG 673
      |||||
Db 20 TGGAGGGAACACTGGCTCTG 1

RESULT 112
US-10-125-181-16/c
; Sequence 16, Application US/10125181
; Publication No. US20020187954A1
; GENERAL INFORMATION:
; APPLICANT: WRIGHT, Jim A.
; APPLICANT: YOUNG, Alping H.
; APPLICANT: LEE, Yoon S.
; TITLE OF INVENTION: INSULIN-LIKE GROWTH FACTOR II ANTISENSE OLIGONUCLEOTIDE
; TITLE OF INVENTION: SEQUENCES AND METHODS OF USING SAME TO MODULATE CELL GROWTH
; FILE REFERENCE: 032396-046
; CURRENT APPLICATION NUMBER: US/10/125,181
; CURRENT FILING DATE: 2002-04-17
; PRIOR APPLICATION NUMBER: EARLIER FILING DATE: 1999-04-22
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-22
; PRIOR APPLICATION NUMBER: EARLIER FILING DATE: 1998-04-23
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-23
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-125-181-16

Query Match          1.0%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 79;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1547 ATGGNAACCCCAATGGGAA 1566

```

Query Match 0.9%; Score 16.4; DB 1; Length 20;


```
Best Local Similarity 94.4%; Pred. No. 94;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 502 GCTGCCCATGAAACGTG 519
Db 2 GCTGCCCATGAAATGTG 19

RESULT 117
US-10-020-695-17/c
; Sequence 17, Application US/10020695
; Publication No. US20030140355A1
; GENERAL INFORMATION:
; APPLICANT: KIM, Dong-Soo
; APPLICANT: NAM, Yoon-Kwon
; APPLICANT: NOH, Jae-Koo
; TITLE OF INVENTION: EXPRESSION VECTOR CONTAINING LECTIN GENE REGULATION SITE OF MUD
; FILE REFERENCE: LOACH
; CURRENT APPLICATION NUMBER: US/10/020,695
; CURRENT FILING DATE: 2001-12-12
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: Kopatentin 1.71
; SEQ ID NO 17
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer for detecting a growth hormone gene of a mud loach
US-10-020-695-17

Query Match 0.9%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 1.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 601 CACCTGCACGAGTGGCTG 619
Db 19 CACCTGCACGAGTGGCTG 1

RESULT 118
US-10-159-856-44
; Sequence 44, Application US/10159856
; Publication No. US20030228689A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR KINASE 6 EXPRE
; FILE REFERENCE: RPS-0365
; CURRENT APPLICATION NUMBER: US/10/159,856
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 134
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-159-856-44

Query Match 0.9%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.2e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 482 CCTATGATGGCTGGCCCT 500
Db 1 CCTTTGATGGCTGGCCCT 19

RESULT 119
US-10-159-856-109/c
; Sequence 109, Application US/10159856
; Publication No. US20030228689A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR KINASE 6 EXPRE
; FILE REFERENCE: RPS-0365
; CURRENT APPLICATION NUMBER: US/10/159,856
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 134
; SEQ ID NO 109
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-159-856-109

Query Match 0.9%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.2e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 482 CCTATGATGGCTGGCCCT 500
Db 20 CCTTTGATGGCTGGCCCT 2

RESULT 120
US-10-361-725A-28
; Sequence 28, Application US/10361725A
; Publication No. US20040009541A1
; GENERAL INFORMATION:
; APPLICANT: Singh, Bhuvanesh
; APPLICANT: Reddy, Bhuvanesh
; TITLE OF INVENTION: No. US20040009541A1el Carcinoma-Related Genes and
; TITLE OF INVENTION: Polypeptides and Methods of Use Thereof
; FILE REFERENCE: 402-01
; CURRENT APPLICATION NUMBER: US/10/361,725A
; CURRENT FILING DATE: 2003-02-10
; PRIOR APPLICATION NUMBER: 60/355,009
; PRIOR FILING DATE: 2002-02-08
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-10-361-725A-28

Query Match 0.9%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.2e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 856 ACCACCACTCTGCTGTCA 874
Db 2 ACCATCACTCTGCTGTCA 20

RESULT 121
US-10-148-835-83/c
; Sequence 83, Application US/10148835
; Publication No. US20030207380A1
; GENERAL INFORMATION:
; APPLICANT: SAITO et al.
; TITLE OF INVENTION: MUTANT ER alpha AND TEST SYSTEMS FOR TRANSACTIVATION
; FILE REFERENCE: 2185-0648P
; CURRENT APPLICATION NUMBER: US/10/148,835
; CURRENT FILING DATE: 2002-10-11
; NUMBER OF SEQ ID NOS: 213
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 83
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

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;
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Designed
; OTHER INFORMATION: oligonucleotide primer for PCR
US-10-148-835-83

Query Match          0.9%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.2e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 704 AAAGTGTCTCTGTTCTTCT 722
Db 19 AAAGTGTCTGTGATCTTGT 1

RESULT 122
US-10-420-194-488/c
; Sequence 488, Application US/10420194
; Publication No. US20040006035A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, Jim
; APPLICANT: Blatt, Larry
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: Nucleic Acid Mediated Disruption of HIV Fusogenic Peptide
; FILE REFERENCE: MBHB02-305-A (400/011)
; CURRENT APPLICATION NUMBER: US/10/420,194
; CURRENT FILING DATE: 2003-04-22
; PRIOR APPLICATION NUMBER: PCT/US 03/05190
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/398,036
; PRIOR FILING DATE: 2002-07-23
; PRIOR APPLICATION NUMBER: US 60/374,722
; PRIOR FILING DATE: 2002-04-22
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-03-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1234
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 488
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Human immunodeficiency virus
US-10-420-194-488

Query Match          0.9%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 289 TGCACCCAGATCCCAAGG 307
Db 19 TGTCTCCCAAGAACCCCAAGG 1

RESULT 123
US-10-420-194-492/c
; Sequence 492, Application US/10420194
; Publication No. US20040006035A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, Jim
; APPLICANT: Blatt, Larry
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: Nucleic Acid Mediated Disruption of HIV Fusogenic Peptide
; FILE REFERENCE: MBHB02-305-A (400/011)
; CURRENT APPLICATION NUMBER: US/10/420,194
; CURRENT FILING DATE: 2003-04-22
; PRIOR APPLICATION NUMBER: PCT/US 03/05190
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/398,036
; PRIOR FILING DATE: 2002-07-23
; PRIOR APPLICATION NUMBER: US 60/374,722
; PRIOR FILING DATE: 2002-04-22
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1234
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 488
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Human immunodeficiency virus
US-10-420-194-488
```

```
;
; APPLICANT: Blatt, Larry
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: Nucleic Acid Mediated Disruption of HIV Fusogenic Peptide
; FILE REFERENCE: MBHB02-305-A (400/011)
; CURRENT APPLICATION NUMBER: US/10/420,194
; CURRENT FILING DATE: 2003-04-22
; PRIOR APPLICATION NUMBER: PCT/US 03/05190
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/398,036
; PRIOR FILING DATE: 2002-07-23
; PRIOR APPLICATION NUMBER: US 60/374,722
; PRIOR FILING DATE: 2002-04-22
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-03-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1234
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 492
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Human immunodeficiency virus
US-10-420-194-492

Query Match          0.9%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 289 TGCACCCAGATCCCAAGG 307
Db 20 TGTCTCCCAAGAACCCCAAGG 2

RESULT 124
US-10-420-194-998
; Sequence 998, Application US/10420194
; Publication No. US20040006035A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, Jim
; APPLICANT: Blatt, Larry
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: Nucleic Acid Mediated Disruption of HIV Fusogenic Peptide
; FILE REFERENCE: MBHB02-305-A (400/011)
; CURRENT APPLICATION NUMBER: US/10/420,194
; CURRENT FILING DATE: 2003-04-22
; PRIOR APPLICATION NUMBER: PCT/US 03/05190
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/398,036
; PRIOR FILING DATE: 2002-07-23
; PRIOR APPLICATION NUMBER: US 60/374,722
; PRIOR FILING DATE: 2002-04-22
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
```

PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 1234
SOFTWARE: PatentIn version 3.2
SEQ ID NO 998
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-420-194-998

Query Match 0.9%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 289 TGACCCCAAGATCCCAAGG 307
||| ||||| |||||
Db 3 TGCTCCCAAGACCCCAAGG 21

RESULT 125
US-10-420-194-1002
Sequence 1002, Application US/10420194
Publication No. US2004006035A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, Jim
APPLICANT: Blatt, Larry
APPLICANT: Macejak, Dennis
TITLE OF INVENTION: Nucleic Acid Mediated Disruption of HIV Fusogenic Peptide
FILE REFERENCE: MEHB02-305-A (400/011)
CURRENT APPLICATION NUMBER: US/10/420,194
CURRENT FILING DATE: 2003-04-22
PRIOR APPLICATION NUMBER: PCT/US 03/05190
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/398,036
PRIOR FILING DATE: 2002-07-23
PRIOR APPLICATION NUMBER: US 60/374,722
PRIOR FILING DATE: 2002-04-22
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 1234
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1002
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-420-194-1002

Query Match 0.9%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 289 TGACCCCAAGATCCCAAGG 307
||| ||||| |||||

Db 2 TGCTCCCAAGACCCCAAGG 20
RESULT 126
US-10-002-623-162
Sequence 162, Application US/10002623
Publication No. US20030134285A1
GENERAL INFORMATION:
APPLICANT: OEFNER, PETER J.
APPLICANT: UNDERHILL, PETER A.
TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
POPULATIONS
FILE REFERENCE: STAN-212
CURRENT APPLICATION NUMBER: US/10/002,623
CURRENT FILING DATE: 2001-11-01
PRIOR APPLICATION NUMBER: US 60/245,355
PRIOR FILING DATE: 2000-11-01
NUMBER OF SEQ ID NOS: 952
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 162
LENGTH: 22
TYPE: DNA
ORGANISM: Homo Sapiens
US-10-002-623-162

Query Match 0.9%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1638 CCAGAGCTGAAGGACAAA 1656
||| ||||| |||||
Db 1 CCAGAACTGAAGTACAAA 19

RESULT 127
US-09-866-108-6761
Sequence 6761, Application US/09866108
Patent No. US2002004800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOWICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 6761
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108-6761

Query Match 0.9%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 1.1e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 904 GAGGAGCTCTGGAGAC 920
Db 1 GAGGAGCTCTGGAGAC 17

RESULT 128

; Sequence 10637, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine

; SEQ ID NO 10637
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108-10637

Query Match 0.9%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 1.1e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 48 CCTGGCCACTCTCTCTG 64
Db 17 CCTGGCCACTCTCTCTG 1

RESULT 129

; US-09-824-322B-95/c
; Sequence 95, Application US/09824322B
; Publication No. US20030022848A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALPHA
; FILE REFERENCE: ISPH-0501
; CURRENT APPLICATION NUMBER: US/09/824,322B
; CURRENT FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 09/313,932
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: US 09/166,186
; PRIOR FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 503
; SEQ ID NO 95
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
; US-09-824-322B-95

Query Match 0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.4e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 954 ACAGGGAGACCCGAG 970
Db 18 AGAGGGAGACCCGAG 2

RESULT 130

; US-10-289-762-1776/c
; Sequence 1776, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Grifffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 1776
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
; US-10-289-762-1776

Query Match 0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.4e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;


```
/
/
/ ZIP: 02110
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ FILING DATE: 17-APR-1998
/ CLASSIFICATION:
/ PRIOR APPLICATION NUMBER: US/09/062,113
/ FILING DATE: 21-JUL-1995
/ APPLICATION NUMBER: JP 207508/1995
/ FILING DATE: 20-FEB-1996
/ APPLICATION NUMBER: PCT/JP96/00374
/ FILING DATE: 20-FEB-1996
/ APPLICATION NUMBER: US 08/915,004
/ FILING DATE: 20-FEB-1996
/ ATTORNEY/AGENT INFORMATION:
/ NAME: MOORE, Ronda P.
/ REGISTRATION NUMBER: 44,244
/ REFERENCE/DOCKET NUMBER: RJN-060DV
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (617) 248-7000
/ TELEFAX: (617) 248-7100
/ INFORMATION FOR SEQ ID NO: 29:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ FEATURE:
/ NAME/KEY: -
/ LOCATION: 1..20
/ OTHER INFORMATION: /note= "synthetic DNA (primer
/ OTHER INFORMATION: 1P12)"
/
/ US-09-062-113-29
/
/ Query Match 0.9%; Score 15.2; DB 1; Length 20;
/ Best Local Similarity 85.0%; Pred. No. 1.6e+02;
/ Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
/
/ Oy 260 TGAAGAATGCCACCTCGTAC 279
/
/ Db 20 TGAAGAATGCCCTCTCACAC 1
/
/ RESULT 135
/ US-09-881-012-172
/ Sequence 172, Application US/09881012
/ Publication No. US20020192655A1
/ GENERAL INFORMATION:
/ APPLICANT: Ginns, Edward I.
/ APPLICANT: Egeland, Janice A.
/ APPLICANT: Paul, Steven M.
/ APPLICANT: The Government of the United States of America
/ APPLICANT: as represented by The Secretary of the
/ APPLICANT: Department of Health and Human Services
/ TITLE OF INVENTION: Susceptibility and Resistance Genes for
/ TITLE OF INVENTION: Bipolar Affective Disorder
/ FILE REFERENCE: 015280-248110US
/ CURRENT APPLICATION NUMBER: US/09/881,012
/ CURRENT FILING DATE: 2001-06-13
/ PRIOR APPLICATION NUMBER: US/09/175,158
/ PRIOR FILING DATE: 1998-10-19
/ PRIOR APPLICATION NUMBER: US 60/062,924
/ PRIOR FILING DATE: 1997-10-20
/ NUMBER OF SEQ ID NOS: 240
/ SOFTWARE: FastSeq for Windows Version 3.0
/
/
/ SEQ ID NO 172
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: D4S2939 reverse primer
/
/ US-09-881-012-172
/
/ Query Match 0.9%; Score 15.2; DB 1; Length 20;
/ Best Local Similarity 85.0%; Pred. No. 1.6e+02;
/ Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
/
/ Oy 206 CTCCTGGACCCCTGAGTTT 225
/
/ Db 1 CTCCTGAAGCCCTGAAGTTT 20
/
/ RESULT 136
/ US-09-784-674-207/c
/ Sequence 207, Application US/09784674
/ Publication No. US20030054346A1
/ GENERAL INFORMATION:
/ APPLICANT: Shannon, Karen W.
/ APPLICANT: Wolber, Paul K.
/ APPLICANT: Delenstair, Glenda C.
/ APPLICANT: Webb, Peter G.
/ APPLICANT: Kincaid, Robert H.
/ TITLE OF INVENTION: Methods for evaluating oligonucleotide
/ NUMBER OF SEQUENCES: 1165
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard
/ COMPANY: Company M/S 2080
/ STREET: 3000 Hanover Street
/ CITY: Palo Alto
/ STATE: CA
/ COUNTRY: USA
/ ZIP: 94304
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA: US/09/784,674
/ FILING DATE: 15-Feb-2001
/ CLASSIFICATION: No. US20030054346A1 available
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 09/021,701
/ FILING DATE: 10-FEB-1998
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Choi, Wendy A.
/ REGISTRATION NUMBER: 36,697
/ REFERENCE/DOCKET NUMBER: 10971464-1
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 650-236-2386
/ TELEFAX: 650-852-8063
/ INFORMATION FOR SEQ ID NO: 207:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
/ SEQUENCE DESCRIPTION: SEQ ID NO: 207:
/
/ US-09-784-674-207
/
/ Query Match 0.9%; Score 15.2; DB 1; Length 20;
/ Best Local Similarity 85.0%; Pred. No. 1.6e+02;
/ Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

QY 1705 CCACCCAGACAGACACAT 1724
Db 20 CCACACAGACAAAAACAT 1

RESULT 137

US-09-898-556A-86
; Sequence 86, Application US/09898556A
; Publication No. US20030087849A1

; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett

; APPLICANT: Susan M. Freier

; TITLE OF INVENTION: ANTISENSE MODULATION OF HKR1 EXPRESSION

; FILE REFERENCE: RTS-0248

; CURRENT APPLICATION NUMBER: US/09/898,556A

; CURRENT FILING DATE: 2001-07-03

; NUMBER OF SEQ ID NOS: 89

; SEQ ID NO 86

; TYPE: DNA

; LENGTH: 20

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-898-556A-86

Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 786 TTCGTCTCTGCTGAAGAAAG 805

Db 1 TTCGATTCTGCTGAAGAAAG 20

RESULT 138

US-09-918-026A-28
; Sequence 28, Application US/09918026A
; Publication No. US20030096772A1

; GENERAL INFORMATION:

; APPLICANT: Rosanne M. Crooke

; APPLICANT: Mark J. Graham

; APPLICANT: Kristina M. Lemonidis

; TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COA CHOLESTEROL ACYLTRANSFERASE-2 EX

; FILE REFERENCE: ISPH-0589

; CURRENT APPLICATION NUMBER: US/09/918,026A

; CURRENT FILING DATE: 2001-07-30

; NUMBER OF SEQ ID NOS: 65

; SEQ ID NO 28

; TYPE: DNA

; LENGTH: 20

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-918-026A-28

Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1624 AACCCAGGCGGCCAGAA 1643

Db 1 AACACAGAGCGGCCAGGA 20

RESULT 139

US-09-920-394-46/c
; Sequence 46, Application US/09920394
; Publication No. US20030096773A1

; GENERAL INFORMATION:

; APPLICANT: Rosanne M. Crooke

; APPLICANT: Mark J. Graham

; APPLICANT: Kristina M. Lemonidis

; TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COENZYME A CHOLESTEROL ACYLTRANSFERASE

; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: ISPH-0589
; CURRENT APPLICATION NUMBER: US/09/920,394
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 62
; SEQ ID NO 46
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-394-46

Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 170 TGGCCATTTCTGGGAATC 189

Db 20 TGGCGCTCTCTGGGAGTC 1

RESULT 140

US-09-920-394-50/c
; Sequence 50, Application US/09920394
; Publication No. US20030096773A1

; GENERAL INFORMATION:

; APPLICANT: Rosanne M. Crooke

; APPLICANT: Mark J. Graham

; APPLICANT: Kristina M. Lemonidis

; TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COENZYME A CHOLESTEROL ACYLTRANSFERASE

; FILE REFERENCE: ISPH-0589

; CURRENT APPLICATION NUMBER: US/09/920,394

; CURRENT FILING DATE: 2001-08-01

; NUMBER OF SEQ ID NOS: 62

; SEQ ID NO 50

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-920-394-50

Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 610 CAGGTGGCTGCCCTGCGCTG 629

Db 20 CAGGTGGCTGCACACTG 1

RESULT 141

US-09-920-394-51/c
; Sequence 51, Application US/09920394
; Publication No. US20030096773A1

; GENERAL INFORMATION:

; APPLICANT: Rosanne M. Crooke

; APPLICANT: Mark J. Graham

; APPLICANT: Kristina M. Lemonidis

; TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COENZYME A CHOLESTEROL ACYLTRANSFERASE

; FILE REFERENCE: ISPH-0589

; CURRENT APPLICATION NUMBER: US/09/920,394

; CURRENT FILING DATE: 2001-08-01

; NUMBER OF SEQ ID NOS: 62

; SEQ ID NO 51

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-920-394-51

Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 620 CCTCGCTGGTCCAGGAC 639
Db 20 CACTACACTGGTCCAGGAC 1

RESULT 142

US-09-920-394-54/c
Sequence 54, Application US/09920394
Publication No. US2003009673A1

GENERAL INFORMATION:

APPLICANT: Rosanne M. Crooke
APPLICANT: Mark J. Graham
APPLICANT: Kristina M. Lemonidis
TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COENZYME A CHOLESTEROL ACYLTRANSFERASE
FILE REFERENCE: ISPH-0589
CURRENT APPLICATION NUMBER: US/09/920,394
CURRENT FILING DATE: 2001-08-01
NUMBER OF SEQ ID NOS: 62
SEQ ID NO 54
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-394-54

Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1146 ACTGGACCAAGAGACGCA 1165
Db 20 ATTGGACCAAGATGACGGCA 1

RESULT 143

US-10-188-646-38
Sequence 38, Application US/10188646
Publication No. US20040005565A1

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Doble
TITLE OF INVENTION: ANTISENSE MODULATION OF LIVIN EXPRESSION
FILE REFERENCE: RTS-0373
CURRENT APPLICATION NUMBER: US/10/188,646
CURRENT FILING DATE: 2002-07-02
NUMBER OF SEQ ID NOS: 153
SEQ ID NO 38
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-188-646-38

Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 598 GGTCACCTGGACCAAGTGGC 617
Db 1 GGCCCCCTGGACCAAGTGGC 20

RESULT 144

US-10-188-646-113/c

Sequence 113, Application US/10188646
Publication No. US20040005565A1

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Doble
TITLE OF INVENTION: ANTISENSE MODULATION OF LIVIN EXPRESSION
FILE REFERENCE: RTS-0373
CURRENT APPLICATION NUMBER: US/10/188,646
CURRENT FILING DATE: 2002-07-02
NUMBER OF SEQ ID NOS: 153
SEQ ID NO 113
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-10-188-646-113

Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 598 GGTCACCTGGACCAAGTGGC 617
Db 20 GGCCCCCTGGACCAAGTGGC 1

RESULT 145

US-10-232-858-29/c
Sequence 29, Application US/10232858
Publication No. US20030153048A1

GENERAL INFORMATION:

APPLICANT: GOTO, Masaaki
APPLICANT: TSUDA, Eisuke
APPLICANT: MOCHIZUKI, Shin'ichi
APPLICANT: YANO, Kazuki
APPLICANT: KOBAYASHI, Fumie
APPLICANT: SHIMA, No. US20030153048A1uyuki
APPLICANT: YASUDA, Hiataaka
APPLICANT: NAKAGAWA, No. US20030153048A1uaki
APPLICANT: MORINAGA, Tomonori
APPLICANT: UEDA, Masatsugu
APPLICANT: HIGASHIO, Kanji
TITLE OF INVENTION: No. US20030153048A1el Proteins and Methods for Producing the Prote

FILE REFERENCE: 16991.004
CURRENT APPLICATION NUMBER: US/10/232,858
CURRENT FILING DATE: 2002-09-03

PRIOR APPLICATION NUMBER: PCT/JP96/00374

PRIOR FILING DATE: 1996-02-20

PRIOR APPLICATION NUMBER: 08/915,004

PRIOR FILING DATE: 1997-08-20

NUMBER OF SEQ ID NOS: 108

SOFTWARE: PatentIn version 3.1

SEQ ID NO 29

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic Sequence

US-10-232-858-29

Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 260 TGAAGAAATGCCACCTCGTAC 279
Db 20 TGAAGAAATGCTCTCTCACAC 1

RESULT 146

US-09-865-879-16
Sequence 16, Application US/09865879
Publication No. US20030180707A1


```
; GENERAL INFORMATION:
; APPLICANT: Roninson, Igor
; APPLICANT: Dokmanovic, Milos
; TITLE OF INVENTION: REAGENTS AND METHODS FOR IDENTIFYING AND MODULATING EXPRESSION OF
; FILE REFERENCE: 99,216-H
; CURRENT APPLICATION NUMBER: US/09/865,879
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: 60/207,535
; PRIOR FILING DATE: 2000-05-26
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Sense primer for Mac-2 BP
US-09-865-879-16
```

```
Query Match          0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 1049 ATTCCACACTGTCCCTAC 1068
DB 1 AATTCACACTGTGCCCTTC 20
|||||
|||||
```

```
RESULT 147
US-10-276-401-48/c
; Sequence 48, Application US/10276401
; Publication No. US20030190645A1
; GENERAL INFORMATION:
; APPLICANT: Kevgene N.V.
; TITLE OF INVENTION: Microsatellite-AFLP
; FILE REFERENCE: VAN EIK=3
; CURRENT APPLICATION NUMBER: US/10/276,401
; CURRENT FILING DATE: 2002-11-15
; PRIOR APPLICATION NUMBER: BO-43224
; PRIOR FILING DATE: 2001-05-15
; PRIOR APPLICATION NUMBER: 0201725.9
; PRIOR FILING DATE: 2000-05-15
; PRIOR APPLICATION NUMBER: 01200104.6
; PRIOR FILING DATE: 2001-01-01
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 48
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: primer
US-10-276-401-48
```

```
Query Match          0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 127 GTCTGGGAAGTTCCTCAG 146
DB 20 GTCTAGGAACCTCTGTCG 1
|||||
|||||
```

```
RESULT 148
US-09-782-971-4/c
; Sequence 4, Application US/09782971
; Patent No. US2001001818A1
; GENERAL INFORMATION:
; APPLICANT: Kozal, M.
; APPLICANT: Merigan, T.
```

```
; APPLICANT: Katzenstein, D.
; APPLICANT: Holodniy, M.
; TITLE OF INVENTION: POLYMERASE CHAIN REACTION ASSAYS FOR MONITORING ANTIVIRAL
; TITLE OF INVENTION: THERAPY AND MAKING THERAPEUTIC DECISIONS IN THE TREATMENT
; FILE REFERENCE: 7627-015
; CURRENT APPLICATION NUMBER: US/09/782,971
; CURRENT FILING DATE: 2001-02-13
; PRIOR APPLICATION NUMBER: 08/470,885
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: 07/883,327
; PRIOR FILING DATE: 1992-05-14
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-782-971-4
```

```
Query Match          0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 1705 CCACCCAGACAGACACAT 1724
DB 20 CCACACAGACACAAAAACAT 1
|||||
|||||
```

```
RESULT 149
US-10-349-143-10840/c
; Sequence 10840, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10840
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-21328 for SEQ 2975, in complement
US-10-349-143-10840
```

```
Query Match          0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 511 GAAAACGTGGTGGTGAC 530
DB 21 GAAAACGTGGTTTGAGAC 2
|||||
|||||
```

```
RESULT 150
US-10-321-162-4/c
```

```
; Sequence 4, Application US/10321162
; Publication No. US20030118986A1
; GENERAL INFORMATION:
; APPLICANT: Merigan, T.
; APPLICANT: Katzenstein, D.
; APPLICANT: Holodny, M.
; TITLE OF INVENTION: POLYMERASE CHAIN REACTION ASSAYS FOR MONITORING ANTIVIRAL
; TITLE OF INVENTION: THERAPY AND MAKING THERAPEUTIC DECISIONS IN THE TREATMENT
; TITLE OF INVENTION: OF ACQUIRED IMMUNODEFICIENCY SYNDROME
; FILE REFERENCE: 12665.0015DVUS02
; CURRENT APPLICATION NUMBER: US/10/321,162
; CURRENT FILING DATE: 2002-12-16
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-321-162-4

Query Match          0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1705 CCACCCACAGACACAT 1724
DB 20 CCACACACAGACAAAACAT 1

RESULT 151
US-10-396-897-31/c
; Sequence 31, Application US/10396897
; Publication No. US20030228687A1
; GENERAL INFORMATION:
; APPLICANT: LONG, MICHAEL W.
; TITLE OF INVENTION: HUMAN BONE ACCESSORY CELLS
; FILE REFERENCE: UMC:024USD1
; CURRENT APPLICATION NUMBER: US/10/396,897
; CURRENT FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER: 09/554,286
; PRIOR FILING DATE: 2000-04-07
; PRIOR APPLICATION NUMBER: PCT/US98/23884
; PRIOR FILING DATE: 1998-11-10
; PRIOR APPLICATION NUMBER: 60/065,173
; PRIOR FILING DATE: 1997-11-10
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic Primer
US-10-396-897-31

Query Match          0.9%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 657 AGGGAACCCAGGCTC 671
DB 19 AGGGAACCCAGGCTC 5

RESULT 152
US-09-969-373-1632/c
; Sequence 1632, Application US/09969373
; Patent No. US20020133852A1
; GENERAL INFORMATION:
; APPLICANT: Effertz, Roger J.
; APPLICANT: Hauge, Brian M.
```

```
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; CURRENT FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 09/760,427
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/855,768
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 1632
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-1632

Query Match          0.9%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 725 TGTCTCCATTGCCAAGA 742
DB 18 TGTCTCCATTGTCATGA 1

RESULT 153
US-09-771-730-129
; Sequence 129, Application US/09771730
; Patent No. US20020148807A1
; GENERAL INFORMATION:
; APPLICANT: Prayaga, Sudhirdas K.
; APPLICANT: Li, Li
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: MacDougall, John R.
; APPLICANT: Svytek, Kimberly Ann
; APPLICANT: Tchernev, Velizar T.
; APPLICANT: Vernet, Corine A. W.
; TITLE OF INVENTION: NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 15966-645
; CURRENT APPLICATION NUMBER: US/09/771,730
; CURRENT FILING DATE: 2001-08-21
; PRIOR APPLICATION NUMBER: 60/178,413
; PRIOR FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: 60/178,371
; PRIOR FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: 60/178,408
; PRIOR FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: 60/178,370
; PRIOR FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: 60/178,406
; PRIOR FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: 60/178,414
; PRIOR FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: 60/178,409
; PRIOR FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: 60/180,634
; PRIOR FILING DATE: 2000-02-07
; PRIOR APPLICATION NUMBER: 60/220,516
; PRIOR FILING DATE: 2000-07-24
; PRIOR APPLICATION NUMBER: 60/221,408
; PRIOR FILING DATE: 2000-07-28
; PRIOR APPLICATION NUMBER: 60/221,943
; PRIOR FILING DATE: 2000-07-31
; PRIOR APPLICATION NUMBER: 60/257,599
; PRIOR FILING DATE: 2000-12-21
; PRIOR APPLICATION NUMBER: 60/260,290
; PRIOR FILING DATE: 2001-01-08
; NUMBER OF SEQ ID NOS: 148
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 129
; LENGTH: 18
; TYPE: DNA
```

```
; ORGANISM: Artificial Sequence
;
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: NOV12 Reverse
; OTHER INFORMATION: Primer Sequence
US-09-771-730-129

Query Match      0.9%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1635 GGCCGAGAGCTGAAGGA 1652
Db 1 GGCCGAGAGCTGAAGGA 18

RESULT 154
US-10-400-382-273
; Sequence 273, Application US/10400382
; Publication No. US20030190659A1
; GENERAL INFORMATION:
; APPLICANT: LaCasse, Eric
; APPLICANT: McManus, Daniel
; APPLICANT: Durkin, Jonathan P.
; TITLE OF INVENTION: Antisense iAP Nucleobase Oligomers and
; FILE REFERENCE: 07891/025004
; CURRENT APPLICATION NUMBER: US/10/400,382
; PRIOR FILING DATE: 2003-03-27
; PRIOR APPLICATION NUMBER: US 60/367,853
; PRIOR FILING DATE: 2002-03-27
; NUMBER OF SEQ ID NOS: 460
; SOFTWARE: Fast-SEQ for Windows Version 4.0
; SEQ ID NO 273
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: based on Homo sapiens.
US-10-400-382-273

Query Match      0.9%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1510 AAGATGCTGATGAATTC 1527
Db 2 AAGATGCTGATGAATTC 19

RESULT 155
US-09-791-243-39/c
; Sequence 39, Application US/09791243
; Patent No. US20020147164A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Robert Rothlein
; APPLICANT: Takashi Kei Kishimoto
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYTOKINESIN-1 EXPRESSION
; FILE REFERENCE: RTS-0095
; CURRENT APPLICATION NUMBER: US/09/791,243
; CURRENT FILING DATE: 2001-02-22
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-791-243-39

Query Match      0.9%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.1e+02;
```

```
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 47 TCCTGGCCACTCTCTCTG 64
Db 18 TCCTGGCCAGTTTCTCTG 1

RESULT 156
US-09-948-977A-39
; Sequence 39, Application US/09948977A
; Publication No. US2003008275A1
; GENERAL INFORMATION:
; APPLICANT: Goudsmit, Jaap
; APPLICANT: Cornelissen, Marion
; TITLE OF INVENTION: Attenuated HIV Strains and Use Thereof
; FILE REFERENCE: 4523.IUS
; CURRENT APPLICATION NUMBER: US/09/948,977A
; CURRENT FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: US 60/231,067
; PRIOR FILING DATE: 2000-09-08
; PRIOR APPLICATION NUMBER: EP 00203116
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: GP120 3' PCR primer
US-09-948-977A-39

Query Match      0.9%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 290 GCACCCAGATCCCAAGG 307
Db 1 GCTCCCAAGACCCCAAGG 18

RESULT 157
US-10-289-762-4180/c
; Sequence 4180, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve:
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4180
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-4180

Query Match      0.9%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 132 GGGGAAGTTCGTGAGCTT 149
Db 20 GGGGAAGTTCGTTCGCTT 3

RESULT 158
US-10-289-762-5641
; Sequence 5641, Application US/10289762
; Publication No. US20040006218A1
```

Query Match	0.9%	Score 14.8;	DB 1;	Length 20;
Best Local Similarity	88.9%	Pred. No. 1.9e+02;		

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1296 AGATGTGATGTTGGTGT 1313
| | | | | | | | | |
Db 20 AGATGAGATGTGTTGGTGT 3

RESULT 163

US-10-243-035-5/c

; Sequence 5, Application US/10243035

; Publication No. US20030049697A1

; GENERAL INFORMATION:

; APPLICANT: LAZDUNSKI, MICHEL

; APPLICANT: LESAGE, FLORIAN

; APPLICANT: MAINRET, FRANCOIS

; TITLE OF INVENTION: NEW FAMILY OF MECHANOSENSITIVE HUMAN POTASSIUM CHANNELS

; TITLE OF INVENTION: ACTIVATED BY POLYUNSATURATED FATTY ACIDS AND THEIR USE

; FILE REFERENCE: 1317-02

; CURRENT APPLICATION NUMBER: US/10/243,035

; CURRENT FILING DATE: 2002-09-13

; NUMBER OF SEQ ID NOS: 15

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 5

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Primer

US-10-243-035-5

Query Match 0.9%; Score 14.8; DB 1; Length 20;

Best Local Similarity 88.9%; Pred. No. 1.9e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1564 GAAGGGCTGCCCACTGG 1581

| | | | | | | | | |
Db 20 GAAGGGCTCTCCACTGG 3

RESULT 164

US-10-058-422-14/c

; Sequence 14, Application US/10058422

; Publication No. US20030108881A1

; GENERAL INFORMATION:

; APPLICANT: Hyeoung Lee, Hye Eun Bang, Sang-Nae Cho, Gill-Han BAI,

; APPLICANT: Sang-Jae Kim

; TITLE OF INVENTION: A method for identifying Micobacteria tuberculosis and

; TITLE OF INVENTION: non-tuberculosis Micobacteria, together with detecting resistanc

; TITLE OF INVENTION: to an antituberculosis drug of Micobacteria obtained by mutation

; TITLE OF INVENTION: of rpoB gene

; FILE REFERENCE: 0217-0008

; CURRENT APPLICATION NUMBER: US/10/058,422

; CURRENT FILING DATE: 2002-01-30

; NUMBER OF SEQ ID NOS: 30

; SOFTWARE: Kopatentin 1.71

; SEQ ID NO 14

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Oligomer probe for M. abscessus

US-10-058-422-14

Query Match 0.9%; Score 14.8; DB 1; Length 20;

Best Local Similarity 88.9%; Pred. No. 1.9e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 517 GTGGTGTGTGACCATTT 534

| | | | | | | | | |
Db 19 GTGGTGTGTGACCATTT 2

RESULT 165

US-10-349-143-8238

; Sequence 8238, Application US/10349143

; Publication No. US20040005584A1

; GENERAL INFORMATION:

; APPLICANT: Cohen, Daniel

; APPLICANT: Blumenfeld, Marta

; APPLICANT: Chumakov, Ilya

; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

; FILE REFERENCE: GENSET 020CP1

; CURRENT APPLICATION NUMBER: US/10/349,143

; CURRENT FILING DATE: 2003-01-21

; PRIOR APPLICATION NUMBER: US/09/422,978

; PRIOR FILING DATE: 1999-10-20

; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850

; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21

; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732

; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23

; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614

; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21

; NUMBER OF SEQ ID NOS: 11796

; SEQ ID NO 8238

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Homo Sapiens

; FEATURE:

; NAME/KEY: primer_bind

; LOCATION: 1..21

; OTHER INFORMATION: downstream amplification primer 99-14610 for SEQ 373, in compleme

US-10-349-143-8238

Query Match 0.9%; Score 14.8; DB 1; Length 21;

Best Local Similarity 88.9%; Pred. No. 2e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1510 AAGATGGTGTGATGAAATTC 1527

| | | | | | | | | |
Db 1 AGGATGGTGTGATGAAATAC 18

RESULT 166

US-10-149-930-41

; Sequence 41, Application US/10149930

; Publication No. US20030215813A1

; GENERAL INFORMATION:

; APPLICANT: Roberts, Steven L.

; APPLICANT: Benjamin, Chris

; APPLICANT: Ruble, Cara L.

; TITLE OF INVENTION: Karnovsky, Alla M.

; TITLE OF INVENTION: Human Ion Channels

; FILE REFERENCE: PHRM0399

; CURRENT APPLICATION NUMBER: US/10/149,930

; CURRENT FILING DATE: 2002-10-21

; PRIOR APPLICATION NUMBER: 09/460,602

; PRIOR FILING DATE: 1999-12-14

; PRIOR APPLICATION NUMBER: PCT/US00/33829

; PRIOR FILING DATE: 2000-12-14

; NUMBER OF SEQ ID NOS: 57

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 41

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-149-930-41

Query Match 0.9%; Score 14.8; DB 1; Length 21;

Best Local Similarity 88.9%; Pred. No. 2e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 872 TCATGGTTCACCTGCCTGC 889

| | | | | | | | | |
Db 3 TCATGGTTCCTCGGTGC 20

```
RESULT 167
US-10-005-956-1217/c
; Sequence 1217, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1217
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-005-956-1217
Query Match 0.9%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 2e+02; Indels 2; Mismatches 0; Gaps 0;
Matches 16; Conservative 0;

QY 1038 AGCTGAAGGAATTCCCA 1055
Db 20 AGATGAGGGAATTCCCA 3

RESULT 168
US-09-866-108-6760
; Sequence 6760, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 6760
; LENGTH: 17

QY 904 GAGGAGCTCTTGAGA 919
Db 2 GAGGAGCTCTTGAGA 17

RESULT 169
US-09-866-108-6762
; Sequence 6762, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 6762
; LENGTH: 17
```

TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-6762

Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 905 AGGAGCTCTGGAGAC 920
DB 1 AGGAGCTCTGGAGAC 16
|||||

RESULT 170

US-09-866-108-10636/c
; Sequence 10636, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 10636
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-10636

Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 49 CTGCCACTCTCTG 64
|||||

RESULT 172
US-10-339-793-185
; Sequence 185, Application US/10339793
; Publication No. US20030180764A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: Shang, Jin

DB 17 CTGCCACTCTCTCTG 2

RESULT 171

US-09-866-108-10638/c
; Sequence 10638, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 10638
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-10638

Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 48 CTGCCACTCTCTCT 63
DB 16 CTGCCACTCTCTCT 1
|||||

RESULT 172

US-10-339-793-185
; Sequence 185, Application US/10339793
; Publication No. US20030180764A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: Shang, Jin

; APPLICANT: Bowen, Benjamin
; TITLE OF INVENTION: GENES AFFECTED BY CHOLESTEROL TREATMENT AND DURING ADIPOGENESIS
; FILE REFERENCE: 37-000310US
; CURRENT APPLICATION NUMBER: US/10/339,793
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 443
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 185
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-339-793-185

Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 557 GATCTTCAGCACAGG 572
||| ||||| |||||
DB 1 GATCTTCAGCACAGG 16

RESULT 173
US-10-440-850-1008
; Sequence 1008, Application US/10440850
; Publication No. US20030207837A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwigen, Jim
; TITLE OF INVENTION: Method and Reagent for the Induction of Graft Tolerance and Reversal
; TITLE OF INVENTION: Immune Responses
; FILE REFERENCE: 250/130 (MEH800-900-A)
; CURRENT APPLICATION NUMBER: US/10/440,850
; CURRENT FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: US/09/650,012
; PRIOR FILING DATE: 2000-08-28
; PRIOR APPLICATION NUMBER: US 08/585,684
; PRIOR FILING DATE: 1996-01-12
; PRIOR APPLICATION NUMBER: US 60/000,951
; PRIOR FILING DATE: 1995-07-07
; PRIOR APPLICATION NUMBER: US 09/038,073
; PRIOR FILING DATE: 1998-03-11
; NUMBER OF SEQ ID NOS: 2285
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1008
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-440-850-1008

Query Match 0.8%; Score 14.4; DB 1; Length 18;
Best Local Similarity 56.2%; Pred. No. 1.8e+02;
Matches 9; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 783 CACTTCGTGTTGGTG 798
|||:|:|:|:|:|:|
DB 1 CACUUCUGUUCAGGUG 16

RESULT 174
US-10-067-125-96
; Sequence 96, Application US/10067125
; Publication No. US2003005015A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda F.
; APPLICANT: Cowser, Lex M.
; APPLICANT: Monia, Brett P.
; APPLICANT: Xu, Xiaoxing S.
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION
; FILE REFERENCE: ISPH-0321
; CURRENT APPLICATION NUMBER: US/10/067,125

; CURRENT FILING DATE: 2002-02-04
; PRIOR APPLICATION NUMBER: 09/167,109
; PRIOR FILING DATE: 1998-10-06
; NUMBER OF SEQ ID NOS: 228
; SEQ ID NO 96
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-10-067-125-96

Query Match 0.8%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 1.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 62 CTGCTTCGCGGCTTG 77
||||| ||||| |||||
DB 3 CTGCTTCGCGGCTTG 18

RESULT 175
US-10-230-880-129
; Sequence 129, Application US/10230880
; Publication No. US20030190705A1
; GENERAL INFORMATION:
; APPLICANT: WONG, HING C.
; APPLICANT: STINSON, JEFFREY L.
; APPLICANT: MOSQUERA, LUIS A.
; TITLE OF INVENTION: METHOD OF HUMANIZING IMMUNE SYSTEM MOLECULES
; FILE REFERENCE: 71758/58066
; CURRENT APPLICATION NUMBER: US/10/230,880
; CURRENT FILING DATE: 2002-12-23
; PRIOR APPLICATION NUMBER: 09/990,586
; PRIOR FILING DATE: 2001-11-21
; PRIOR APPLICATION NUMBER: 60/343,306
; PRIOR FILING DATE: 2001-10-29
; PRIOR APPLICATION NUMBER: 09/293,854
; PRIOR FILING DATE: 1999-04-16
; NUMBER OF SEQ ID NOS: 174
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 129
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-230-880-129

Query Match 0.8%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 903 AGAGGAGCTCTTGAG 918
||||| ||||| |||||
DB 4 AGAGGTGCTCTTGAG 19

RESULT 176
US-09-850-165-22/c
; Sequence 22, Application US/09850165
; Patent No. US20020150580A1
; GENERAL INFORMATION:
; APPLICANT: NEWMAN, ROLAND A.
; APPLICANT: HANNA, NABIL
; APPLICANT: RAAB, RONALD W.
; TITLE OF INVENTION: RECOMBINANT ANTIBODIES FOR HUMAN THERAPY
; FILE REFERENCE: 037003-0280614
; CURRENT APPLICATION NUMBER: US/09/850,165
; CURRENT FILING DATE: 2001-05-08
; PRIOR APPLICATION NUMBER: 09/082,472
; PRIOR FILING DATE: 1998-05-21


```

, PRIOR APPLICATION NUMBER: 08/476,237
, PRIOR FILING DATE: 1995-06-07
, PRIOR APPLICATION NUMBER: 08/397,072
, PRIOR FILING DATE: 1995-04-17
, PRIOR APPLICATION NUMBER: 07/912,292
, PRIOR FILING DATE: 1992-07-10
, PRIOR APPLICATION NUMBER: 07/856,281
, PRIOR FILING DATE: 1992-03-23
, PRIOR APPLICATION NUMBER: 07/735,064
, PRIOR FILING DATE: 1991-07-25
, NUMBER OF SEQ ID NOS: 114
, SOFTWARE: PatentIn Ver. 2.1
, SEQ ID NO 22
, LENGTH: 20
, TYPE: DNA
, ORGANISM: Artificial Sequence
, FEATURE:
, OTHER INFORMATION: Description of A
US-09-850-165-22

```

Query Match 0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels

Qy 1025 CTGAAGAGCTTCAAGC 1040
 |||||
 Db 17 CTGAGGAGCTTCAAGC 2

```

RESULT 177
US-09-912-724-32
, Sequence 32, Application US/09912724
, Publication No. US20030083280A1
, GENERAL INFORMATION:
, APPLICANT: Rosanne M. Crooke
, APPLICANT: Mark J. Graham
, TITLE OF INVENTION: ANTISENSE MODULATION OF C-REACTIVE PROTEIN EXPRESSION
, FILE REFERENCE: ISPH-0584
, CURRENT APPLICATION NUMBER: US/09/912,724
, CURRENT FILING DATE: 2001-07-25
, NUMBER OF SEQ ID NOS: 63
, SEQ ID NO 32
, LENGTH: 20
, TYPE: DNA
, ORGANISM: Artificial Sequence
, FEATURE:
, OTHER INFORMATION: Antisense Oligonucleotide
US-09-912-724-32

```

Query Match	0.8%	Score	14.4;	DB	1;	Length	20;
Best Local Similarity	93.8%	Pred. NO.	2.2e+02;				
Matches	15;	Conservative	0;	Mismatches	1;	Indels	0;
						Gaps	0;

Qy 810 TGTCAGCCCTTGGCT 825
Db 5 TGTCATCCCTTGGCT 20

```

RESULT 178
US-10-189-266-85/c
; Sequence 85, Application US/10189266
; Publication No. US20040006029A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF CELL DIVISION CYCLE 2 EXPRESSION
; FILE REFERENCE: RTS-0384
; CURRENT APPLICATION NUMBER: US/10/189,266
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 150
; SEQ ID NO 85
; LENGTH: 20
; TYPE: DNA

```

```

; ORGANISM: Artificial Sequence
;
; FEATURE:
;
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-189-266-85

```

```

Query Match      0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. NO. 2.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1655 AAGAGTAGCTTCTG 1670
      |||||
Db 18 AAGATGTAGCTTCTG 3

```

```

RESULT 179
US-10-189-266-147
; Sequence 147, Application US/10189266
; Publication No. US20040006029A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan M. Fraier
; TITLE OF INVENTION: ANTISENSE MODULATION OF CELL DIVISION CYCLE 2 EXPRESSION
; FILE REFERENCE: RPS-0384
; CURRENT APPLICATION NUMBER: US/10/189,266
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 150
; SEQ ID NO 147
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-189-266-147

```

Query Match	0.8%	Score 14.4;	DB 1;	Length 20;
Best Local Similarity	93.8%	Pred. NC. 2.2e+02;		
Matches 15:	Conservative	0;	Mismatches 1;	Indels 0;
				Gaps 0;

QY 1655 AAGAAGTAGCTTCTG 1670
Db 3 AAGATGTAGCTTCTG 18

```

RESULT 180
US-10-289-762-5023
; Sequence 5023, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289, 762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5023
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
; US-10-289-762-5023

```

Query Match	0.8%	Score 14.4;	DB 1;	Length 20;
Best Local Similarity	93.8%	Pred. No. 2.2e+02;		
Matches 15;	Conservative	0;	Mismatches 1;	Indels 0;
				Gaps 0;

QY 1114 CAGTTGATGAGCTATC 1129
 |||||
DB 3 CAGTTGATGAGCCATC 18

RESULT 181
US-10-262-666-25
; Sequence 25, Application US/10262666

```
; Publication No. US20030180298A1
; GENERAL INFORMATION:
; APPLICANT: Nakayama, Eiichi
; APPLICANT: Ono, Toshiro
; APPLICANT: Old, Lloyd J.
; APPLICANT: Hasegawa, Kosei
; APPLICANT: Matsushita, Hirokazu
; TITLE OF INVENTION: CANCER-TESTIS ANTIGENS
; FILE REFERENCE: L00461.70140
; CURRENT APPLICATION NUMBER: US/10/262,666
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: PCT/US02/12497
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: US 60/356,937
; PRIOR FILING DATE: 2002-02-14
; PRIOR APPLICATION NUMBER: US 60/265,343
; PRIOR FILING DATE: 2001-04-20
; NUMBER OF SEQ ID NOS: 80
; SOFTWARE: Patent version 3.1
; SEQ ID NO 25
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-262-666-25

Query Match      0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1221 AGAGGCCACTGAGAA 1236
DB 1 AGAGGCCACTGAGAA 16

RESULT 182
US-10-287-224-8/c
; Sequence 8, Application US/10287224
; Publication No. US20030096785A1
; GENERAL INFORMATION:
; APPLICANT: GU, Wei
; APPLICANT: STRICKER-KRONRAD, Alain
; TITLE OF INVENTION: CONTROL OF HUNGER, SATIETY, AND FOOD INTAKE BY
; TITLE OF INVENTION: MODULATING EXPRESSION AND ACTIVITY OF CEPHALIC G
; TITLE OF INVENTION: PROTEIN-COUPLED RECEPTORS
; FILE REFERENCE: 210147.0036/38US
; CURRENT APPLICATION NUMBER: US/10/287,224
; CURRENT FILING DATE: 2002-11-04
; PRIOR APPLICATION NUMBER: 09/661,760
; PRIOR FILING DATE: 2000-09-14
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: Patent Ver. 2.1
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: ob-r Antisense
US-10-287-224-8

Query Match      0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 797 TGAAGAAGGTGATGT 812
DB 1 TGAAGAAGGTGATGT 4

RESULT 183
US-10-225-023-251/c
; Sequence 251, Application US/10225023
; Publication No. US20030175950A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of HIV Gene Expression Using
; TITLE OF INVENTION: Interfering RNA
; FILE REFERENCE: 400/054 (MEHB01-665-B)
; CURRENT APPLICATION NUMBER: US/10/225,023
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US 60/398,036
; PRIOR FILING DATE: 2002-07-23
; PRIOR APPLICATION NUMBER: US 60/294,140
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 10/157,580
; PRIOR FILING DATE: 2002-05-29
; NUMBER OF SEQ ID NOS: 1494
; SOFTWARE: Patent version 3.0
; SEQ ID NO 251
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-225-023-251

Query Match      0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.3%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 170 TGGCCATTTTCCTGGGAAT 188
DB 1 TGGCCATTTTCCTGGTAAT 1

RESULT 184
US-10-225-023-989
; Sequence 989, Application US/10225023
; Publication No. US20030175950A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of HIV Gene Expression Using
; TITLE OF INVENTION: Interfering RNA
; FILE REFERENCE: 400/054 (MEHB01-665-B)
; CURRENT APPLICATION NUMBER: US/10/225,023
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US 60/398,036
; PRIOR FILING DATE: 2002-07-23
; PRIOR APPLICATION NUMBER: US 60/294,140
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 10/157,580
; PRIOR FILING DATE: 2002-05-29
; NUMBER OF SEQ ID NOS: 1494
; SOFTWARE: Patent version 3.0
; SEQ ID NO 989
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-225-023-989

Query Match      0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 52.6%; Pred. No. 2.2e+02;
Matches 10; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 170 TGGCCATTTTCCTGGGAAT 188
DB 1 UGGCCAUUCUCCUGCUAAU 19

RESULT 185
```

US-10-356-625-117/c
; Sequence 117, Application US/10356625
; Publication No. US20030186290A1
; GENERAL INFORMATION:
; APPLICANT: Tournier-Lasserre, Elisabeth
; APPLICANT: Joutel, Anne
; APPLICANT: Bousset, Marie-Germaine
; APPLICANT: Bach, Jean-Francois
; TITLE OF INVENTION: GENE INVOLVED IN CADASIL, METHOD OF DIAGNOSIS AND
; TITLE OF INVENTION: THERAPEUTIC APPLICATION
; FILE REFERENCE: 03715-0048-00000
; CURRENT APPLICATION NUMBER: US/10/356,625
; CURRENT FILING DATE: 2003-02-03
; PRIOR APPLICATION NUMBER: US/09/230,652
; PRIOR FILING DATE: 1999-05-17
; PRIOR APPLICATION NUMBER: FR 96 09733
; PRIOR FILING DATE: 1996-08-01
; PRIOR APPLICATION NUMBER: FR 97 04680
; PRIOR FILING DATE: 1997-04-16
; PRIOR APPLICATION NUMBER: PCT/FR97/01433
; PRIOR FILING DATE: 1997-07-31
; NUMBER OF SEQ ID NOS: 163
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 117
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-10-356-625-117

Query Match 0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 893 AGAAGCGGAGGAGGCT 911
DB 19 AGGAGCGGAGGAGGCT 1

RESULT 186
US-10-361-725A-28/c
; Sequence 28, Application US/10361725A
; Publication No. US20040009541A1
; GENERAL INFORMATION:
; APPLICANT: Reddy, Prabhathi G.
; APPLICANT: Singh, Bhuvanesh
; TITLE OF INVENTION: No. US20040009541A1el Carcinoma-Related Genes and
; FILE REFERENCE: 402-01
; CURRENT APPLICATION NUMBER: US/10/361,725A
; CURRENT FILING DATE: 2003-02-10
; PRIOR APPLICATION NUMBER: 60/355,009
; PRIOR FILING DATE: 2002-02-08
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-10-361-725A-28

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1289 TGATACGATGACGCTT 1307
DB 20 TGAGAGCAGGATGATGCT 2

RESULT 187
US-09-050-516-35
; Sequence 35, Application US/09050516
; Patent No. US20010010904A1
; GENERAL INFORMATION:
; APPLICANT: BILLING-MEDEL, PATRICIA
; APPLICANT: COHEN, MAURICE
; APPLICANT: COLPITTS, TRACEY L.
; APPLICANT: FRIEDMAN, PAULA N.
; APPLICANT: GORDON, JULIAN
; APPLICANT: GRANADOS, EDWARD N.
; APPLICANT: HAYDEN, MARK
; APPLICANT: HODGES, STEVEN C.
; APPLICANT: KLASS, MICHAEL R.
; APPLICANT: KRATOCHVIL, JON D.
; APPLICANT: ROBERTS-RAPP, LISA
; APPLICANT: RUSSELL, JOHN C.
; APPLICANT: STROUPE, STEPHEN D.
; TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
; TITLE OF INVENTION: FOR DETECTING DISEASES OF THE GASTROINTESTINAL
; TITLE OF INVENTION: TRACT
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Abbott Laboratories
; STREET: 100 Abbott Park Road
; CITY: Abbott Park
; STATE: IL
; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA: US/09/050,516
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/828,855
; FILING DATE: 31-MAR-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Becker, Cheryl L.
; REGISTRATION NUMBER: 35,441
; REFERENCE/DOCKET NUMBER: 6065.US.P1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 847/935-1729
; TELEFAX: 847/938-2623
; TELEX:
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-050-516-35
Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1472 TAAAGAGGGTGCTCAGA 1490
DB 2 TCAAGAGGGTGGCACA 20

RESULT 188
US-09-050-516-37/c
; Sequence 37, Application US/09050516
; Patent No. US20010010904A1
; GENERAL INFORMATION:
; APPLICANT: BILLING-MEDEL, PATRICIA
; APPLICANT: COHEN, MAURICE

APPLICANT: COLPITTS, TRACEY L.
APPLICANT: FRIEDMAN, PAULA N.
APPLICANT: GORDON, JULIAN
APPLICANT: GRANADOS, EDWARD N.
APPLICANT: HAYDEN, MARK
APPLICANT: HODGES, STEVEN C.
APPLICANT: KLASS, MICHAEL R.
APPLICANT: KRATOCHVIL, JON D.
APPLICANT: ROBERTS-RAPP, LISA
APPLICANT: RUSSELL, JOHN C.
APPLICANT: STROUPE, STEPHEN D.
TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
FOR DETECTING DISEASES OF THE GASTROINTESTINAL
TRACT
TITLE OF INVENTION: TRACT
NUMBER OF SEQUENCES: 49
CORRESPONDENCE ADDRESS:
ADDRESS: Abbott Laboratories
STREET: 100 Abbott Park Road
CITY: Abbott Park
STATE: IL
COUNTRY: USA
ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/050.516
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/828,855
FILING DATE: 31-MAR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Becker, Cheryl L.
REGISTRATION NUMBER: 35,441
REFERENCE/DOCKET NUMBER: 6065.US.P1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 847/935-1729
TELEFAX: 847/938-2623
TELEX:
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-050-516-37

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1472 TAAAGAGGGTGCCTCACA 1490
DB 19 TCAAGAGGGTGGCACACA 1

RESULT 189
US-09-802-669-79/c
Sequence 79, Application US/09802669
Patent No. US2002000490A1
GENERAL INFORMATION:
APPLICANT: Dean, Nicholas M.
APPLICANT: Marcussen, Eric G.
APPLICANT: Wyatt, Jacqueline
APPLICANT: Zhang, Hong
TITLE OF INVENTION: Antisense Compound Modulation of Fas Mediated Signaling
FILE REFERENCE: ISPH-545
CURRENT APPLICATION NUMBER: US/09/802,669
PRIOR FILING DATE: 2001-03-09
PRIOR APPLICATION NUMBER: US 09/665,615

PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: US 09/290,640
PRIOR FILING DATE: 1999-04-12
NUMBER OF SEQ ID NOS: 180
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 79
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-09-802-669-79

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1698 GGAGAGCCACCCAGACA 1716
DB 20 GGAAATCAACCCAGACA 2

RESULT 190
US-09-802-669-130/c
Sequence 130, Application US/09802669
Patent No. US2002000490A1
GENERAL INFORMATION:
APPLICANT: Dean, Nicholas M.
APPLICANT: Marcussen, Eric G.
APPLICANT: Wyatt, Jacqueline
APPLICANT: Zhang, Hong
TITLE OF INVENTION: Antisense Compound Modulation of Fas Mediated Signaling
FILE REFERENCE: ISPH-545
CURRENT APPLICATION NUMBER: US/09/802,669
CURRENT FILING DATE: 2001-03-09
PRIOR APPLICATION NUMBER: US 09/665,615
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: US 09/290,640
PRIOR FILING DATE: 1999-04-12
NUMBER OF SEQ ID NOS: 180
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 130
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-802-669-130

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1397 CATCAGACATGAACCCAA 1415
DB 19 CTTCAAGAAATGAATCCAA 1

RESULT 191
US-09-849-901-4
Sequence 4, Application US/09849901
Patent No. US20020045227A1
GENERAL INFORMATION:
APPLICANT: Wagener, Christoph
TITLE OF INVENTION: Method for Detecting Mutated Alleles
FILE REFERENCE: 4121-111 CIP
CURRENT APPLICATION NUMBER: US/09/849,901
CURRENT FILING DATE: 2001-05-03
PRIOR APPLICATION NUMBER: US 09/390,545
PRIOR FILING DATE: 1999-09-02
PRIOR APPLICATION NUMBER: DE19708758.2
PRIOR FILING DATE: 1997-03-04
PRIOR APPLICATION NUMBER: PCT/DE98/00676

```
/ PRIOR FILING DATE: 1998-03-04
/ NUMBER OF SEQ ID NOS: 10
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 4
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Sense Primer
US-09-849-901-4

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1050 TTTCACACTGTCCTAC 1068
Db 1 TTTCACACTGTCCTCTC 19

RESULT 192
US-09-852-053-12
/ Sequence 12, Application US/09852053
/ Patent No. US20020055141A1
/ GENERAL INFORMATION:
/ APPLICANT: BERENS, STEPHAN
/ APPLICANT: KALINOWSKI, JORN
/ APPLICANT: FUHLER, ALFRED
/ TITLE OF INVENTION: CORYNEBACTERIUM GLUTAMICUM STRAIN WITH
/ FILE REFERENCE: MAS/21123/280248
/ CURRENT APPLICATION NUMBER: US/09/852,053
/ CURRENT FILING DATE: 2001-05-10
/ PRIOR APPLICATION NUMBER: EPO 00110021.3
/ PRIOR FILING DATE: 2000-05-12
/ NUMBER OF SEQ ID NOS: 24
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 12
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-852-053-12

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1094 TTGCTGGTTGATTCGAAT 1112
Db 1 TTGCTGGTTGATTCGAAT 19

RESULT 193
US-09-824-322B-312
/ Sequence 312, Application US/09824322B
/ Publication No. US20030022848A1
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Brenda
/ APPLICANT: Bennett, C. Frank
/ APPLICANT: Butler, Madeline M.
/ APPLICANT: Shannah, William R.
/ TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALPHA
/ FILE REFERENCE: ISPH-0501
/ CURRENT APPLICATION NUMBER: US/09/824,322B
/ CURRENT FILING DATE: 2001-04-02
/ PRIOR APPLICATION NUMBER: US 09/313,932
/ PRIOR FILING DATE: 1999-05-18
/ PRIOR APPLICATION NUMBER: US 09/166,186
/ PRIOR FILING DATE: 1998-10-05
/ NUMBER OF SEQ ID NOS: 503

/ SEQ ID NO 312
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic
US-09-824-322B-312

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 428 TGCCGCTGATGCTGCGAT 446
Db 2 TGCCGCTGATGCTGCGGT 20

RESULT 194
US-09-784-674-206/c
/ Sequence 206, Application US/09784674
/ Publication No. US20030054346A1
/ GENERAL INFORMATION:
/ APPLICANT: Shannon, Karen W.
/ APPLICANT: Wolber, Paul K.
/ APPLICANT: Delenstarr, Glenda C.
/ APPLICANT: Webb, Peter G.
/ APPLICANT: Kincaid, Robert H.
/ TITLE OF INVENTION: Methods for evaluating oligonucleotide
/ NUMBER OF SEQUENCES: 1165
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard
/ COMPANY: Company M/S 2080
/ STREET: 3000 Hanover Street
/ CITY: Palo Alto
/ STATE: CA
/ COUNTRY: USA
/ ZIP: 94304
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/784,674
/ FILING DATE: 15-Feb-2001
/ CLASSIFICATION: No. US20030054346A1 available
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 09/021,701
/ FILING DATE: 10-FEB-1998
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Choi, Wendy A.
/ REGISTRATION NUMBER: 36,697
/ REFERENCE/DOCKET NUMBER: 10971464-1
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 650-236-2386
/ TELEFAX: 650-852-8063
/ INFORMATION FOR SEQ ID NO: 206:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
/ SEQUENCE DESCRIPTION: SEQ ID NO: 206:
US-09-784-674-206

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

OY 1706 CACCCACAGACAGACAT 1724
Db 20 CACACACAGACAGACAT 2

RESULT 195

US-09-784-674-208/c
; Sequence 208, Application US/09784674
; Publication No. US20030054346A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; Wolber, Paul K.
; Deienstarr, Glenda C.
; Webb, Peter G.
; Kincaid, Robert H.

TITLE OF INVENTION: Methods for evaluating oligonucleotide

probe sequences

NUMBER OF SEQUENCES: 1165

CORRESPONDENCE ADDRESS: 1165

ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard

STREET: 3000 Hanover Street

CITY: Palo Alto

STATE: CA

COUNTRY: USA

ZIP: 94304

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/784,674

FILING DATE: 15-Feb-2001

CLASSIFICATION: No. US20030054346A1 available

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/021,701

FILING DATE: 10-FEB-1998

ATTORNEY/AGENT INFORMATION:

NAME: Choi, Wendy A.

REGISTRATION NUMBER: 36,697

REFERENCE/DOCKET NUMBER: 10971464-1

TELECOMMUNICATION INFORMATION:

TELEPHONE: 650-236-2386

TELEFAX: 650-852-8063

INFORMATION FOR SEQ ID NO: 208:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

HYPOTHETICAL: NO

ANTI-SENSE: NO

SEQUENCE DESCRIPTION: SEQ ID NO: 208:

US-09-784-674-208

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1705 CCACCCACAGACAGACACA 1723
Db 19 CCACACACAGACAGACACA 1

RESULT 196

US-09-920-394-53/c
; Sequence 53, Application US/09920394
; Publication No. US20030096773A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke

APPLICANT: Mark J. Graham

; APPLICANT: Kristina M. Lemonidis
; TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COENZYME A CHOLESTEROL ACYLTRANSFERASE
; FILE OF INVENTION: EXPRESSION
; FILE REFERENCE: ISPH-0589
; CURRENT APPLICATION NUMBER: US/09/920,394
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 62
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-394-53

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 904 GAGGAGCTCTTGGAGACGA 922
Db 19 GAAGAGCTCTTGGGACCA 1

RESULT 197

US-10-173-192-31
; Sequence 31, Application US/10173192
; Publication No. US2003036204A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia

APPLICANT: Kenneth W. Dobie

TITLE OF INVENTION: ANTISENSE MODULATION OF HISTONE DEACETYLASE 2 EXPRESSION

FILE REFERENCE: PTS-0022

CURRENT APPLICATION NUMBER: US/10/173,192

CURRENT FILING DATE: 2002-06-14

NUMBER OF SEQ ID NOS: 71

SEQ ID NO 31

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-10-173-192-31

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 552 CTGGGATCTTCAGCACA 570
Db 1 CTGAGAACTTCATCACA 19

RESULT 198

US-10-189-268-26/c
; Sequence 26, Application US/10189268
; Publication No. US20040005570A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean

APPLICANT: C. Frank Bennett

APPLICANT: Kenneth W. Dobie

TITLE OF INVENTION: ANTISENSE MODULATION OF GERANYLGERANYL DIPHOSPHATE SYNTHASE 1 EXP

FILE REFERENCE: PTS-0021

CURRENT APPLICATION NUMBER: US/10/189,268

CURRENT FILING DATE: 2002-07-02

NUMBER OF SEQ ID NOS: 131

SEQ ID NO 26

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-10-189-268-26

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Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1026 TGAAGAGCTTCAGCTGAA 1044
Db 20 TAAAGAGCTTGAAGCTAAA 2

RESULT 199
US-10-189-268-98
; Sequence 98, Application US/10189268
; Publication No. US20040005570A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF GERANYLGERANYL DIPHOSPHATE SYNTHASE 1 EXP
; FILE REFERENCE: PTS-0021
; CURRENT APPLICATION NUMBER: US/10/189,268
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 131
; SEQ ID NO 98
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-189-268-98

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1026 TGAAGAGCTTCAGCTGAA 1044
Db 1 TAAAGAGCTTGAAGCTAAA 19

RESULT 200
US-10-190-366-151
; Sequence 151, Application US/10190366
; Publication No. US20040006031A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF HMG-COA REDUCTASE EXPRESSION
; FILE REFERENCE: PTS-0023
; CURRENT APPLICATION NUMBER: US/10/190,366
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 409
; SEQ ID NO 151
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
US-10-190-366-151

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1613 AGATTGCTGCCACACCCA 1631
Db 1 AGGTTGGTCCACACCCA 19

RESULT 201
US-10-190-366-344/c
; Sequence 344, Application US/10190366
; Publication No. US20040006031A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF HMG-COA REDUCTASE EXPRESSION
; FILE REFERENCE: PTS-0023
; CURRENT APPLICATION NUMBER: US/10/190,366
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 409
; SEQ ID NO 344
; LENGTH: 20
; TYPE: DNA
; ORGANISM: M. musculus
; FEATURE:
US-10-190-366-344

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1613 AGATTGCTGCCACACCCA 1631
Db 20 AGGTTGGTCCACACCCA 2

RESULT 202
US-10-289-762-3559/c
; Sequence 3559, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3559
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-3559

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 136 AAGTTGCTCAGCTAGAG 154
Db 20 AAGTTGCTCAGCTCAAAGG 2

RESULT 203
US-10-289-762-3643
; Sequence 3643, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3643
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-3643

Query Match      0.8%; Score 14.2; DB 1; Length 20;
```

```
Best Local Similarity 84.2%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 696 GGGAGGAGAAAGTGTCTCT 714
DB 1 GGGAGGAGAAAGTGTCTCT 19

RESULT 204
US-10-289-762-6045
; Sequence 6045, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6045
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-6045

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1022 CACCTGAGAGCTCAAGC 1040
DB 2 CTCCTGAGAGCTTCTTGC 20

RESULT 205
US-10-289-762-6238/c
; Sequence 6238, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6238
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-6238

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1188 TCCCTTTGTTGCATTGCT 1206
DB 20 TCCCTTAGTTGAATCGCT 2

RESULT 206
US-10-289-762-6311
; Sequence 6311, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
```

```
FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6311
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-6311

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1037 AAGCTGAAGGAATTCCA 1055
DB 2 AATCCGCAAGGAATTCCA 20

RESULT 207
US-10-349-143-9269
; Sequence 9269, Application US/10349143
; Publication No. US2004000584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9269
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-23773 for SEQ 1404, in complement
US-10-349-143-9269

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 428 TCCCGGTGATGCTGTGGAT 446
DB 1 TCCCGATGATGCGGTAGAT 19

RESULT 208
US-10-194-035-100
; Sequence 100, Application US/10194035
; Publication No. US20030144229A1
; GENERAL INFORMATION:
; APPLICANT: THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE
; APPLICANT: SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES
; APPLICANT: KLINMAN, Dennis
; APPLICANT: ISHII, Ken
; APPLICANT: VERTHELYI, Daniela
; TITLE OF INVENTION: OLIGODEOXYNUCLEOTIDE AND ITS USE TO INDUCE AN IMMUNE RESPONSE
; FILE REFERENCE: 4239-63317
; CURRENT APPLICATION NUMBER: US/10/194,035
; CURRENT FILING DATE: 2002-07-12
```



```
; PRIOR APPLICATION NUMBER: PCT/US01/01122
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: US 60/176,115
; PRIOR FILING DATE: 2000-01-14
; NUMBER OF SEQ ID NOS: 119
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 100
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
US-10-194-035-100

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 441 GTGATCCACGGAGGGGGG 459
DB 2 GTGATCGACGCGAGGGGGG 20

RESULT 209
US-10-029-517-22
; Sequence 22, Application US/10029517
; Publication No. US20030148969A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF MUCIN 1, TRANSMEMBRANE EXPRESSION
; FILE REFERENCE: RTS-0352
; CURRENT APPLICATION NUMBER: US/10/029,517
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 107
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-029-517-22

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1210 GAACGTGATTCAGAGGCCA 1228
DB 1 GAACAGATTCAGAGGCCA 19

RESULT 210
US-10-169-983-17
; Sequence 17, Application US/10159983
; Publication No. US20030158250A1
; GENERAL INFORMATION:
; APPLICANT: Takara Shuzo Co., Ltd.
; TITLE OF INVENTION: Therapeutic agents
; FILE REFERENCE: 01-011-PCT
; CURRENT APPLICATION NUMBER: US/10/169,983
; CURRENT FILING DATE: 2002-07-14
; PRIOR APPLICATION NUMBER: JP 2000-4989
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: JP 2000-303711
; PRIOR FILING DATE: 2000-10-03
; NUMBER OF SEQ ID NOS: 61
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Designed primer based on nucleotide sequence of
```

```
; OTHER INFORMATION: human interleukin-7 receptor mRNA.
US-10-169-983-17

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 700 GGAGAAAGTGCTCTGTTC 718
DB 2 GGAGAAAGTGCTATGCTC 20

RESULT 211
US-10-272-865-6/c
; Sequence 6, Application US/10272865
; Publication No. US20030171335A1
; GENERAL INFORMATION:
; APPLICANT: Stein, David A.
; APPLICANT: Skilling, Douglas E.
; APPLICANT: Iversen, Patrick L.
; APPLICANT: Smith, Alvin W.
; TITLE OF INVENTION: Antisense Antiviral Agent and Method for
; FILE REFERENCE: 50450-8046.US00
; CURRENT APPLICATION NUMBER: US/10/272,865
; CURRENT FILING DATE: 2002-10-16
; PRIOR APPLICATION NUMBER: US 60/329,815
; PRIOR FILING DATE: 2001-10-16
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Rhinovirus 1B
; OTHER INFORMATION: Antisense oligomer
US-10-272-865-6

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 287 TGTGACCCCAAGATCCCA 305
DB 19 TGGCACCCCATGATGCCAA 1

RESULT 212
US-10-272-865-20
; Sequence 20, Application US/10272865
; Publication No. US20030171335A1
; GENERAL INFORMATION:
; APPLICANT: Stein, David A.
; APPLICANT: Skilling, Douglas E.
; APPLICANT: Iversen, Patrick L.
; APPLICANT: Smith, Alvin W.
; TITLE OF INVENTION: Antisense Antiviral Agent and Method for
; FILE REFERENCE: 50450-8046.US00
; CURRENT APPLICATION NUMBER: US/10/272,865
; CURRENT FILING DATE: 2002-10-16
; PRIOR APPLICATION NUMBER: US 60/329,815
; PRIOR FILING DATE: 2001-10-16
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic antisense oligomer
US-10-272-865-20

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 287 TGTGACCCCAAGATCCCA 305
|||
DB 2 TGGGACCCCAATGATGCCAA 20

RESULT 213

US-10-027-632-177916/c
; Sequence 177916, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; PRIOR FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 177916
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-177916

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 115 GTGCATGGCAAGTGCTGG 133
|||
DB 20 GTGCCTGGCAAGTGATG 2

RESULT 214

US-10-027-632-177916/c
; Sequence 177916, Application US/10027632
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; PRIOR FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09

; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 177916
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-177916

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 115 GTGCATGGCAAGTGCTGG 133
|||
DB 20 GTGCCTGGCAAGTGATG 2

RESULT 215

US-10-148-355A-36/c
; Sequence 36, Application US/10148355A
; Publication No. US20030207831A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; APPLICANT: ISIS PHARMACEUTICALS, INC.
; TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RTSP-0082
; CURRENT APPLICATION NUMBER: US/10/148,355A
; CURRENT FILING DATE: 2002-09-30
; PRIOR APPLICATION NUMBER: 09/467,642
; PRIOR FILING DATE: 1999-12-17
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-148-355A-36

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1692 GGCAGTGGAGAGCCACCC 1710
|||
DB 20 GCCTGTGGAAAGCCACCC 2

RESULT 216

US-10-148-835-30
; Sequence 30, Application US/10148835
; Publication No. US20030207380A1
; GENERAL INFORMATION:
; APPLICANT: SAITO et al.
; TITLE OF INVENTION: MUTANT ER alpha AND TEST SYSTEMS FOR TRANSACTIVATION
; FILE REFERENCE: 2185-0648P
; CURRENT APPLICATION NUMBER: US/10/148,835
; CURRENT FILING DATE: 2002-10-11
; NUMBER OF SEQ ID NOS: 213
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 30
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Designed
; OTHER INFORMATION: oligonucleotide primer for PCR
US-10-148-835-30

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.4e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 190 CTTTGGCCAGCGGCTC 208
|||||
Db 2 CTTTGGCCAGCGGCTC 20

RESULT 217

US-10-068-160-35
; Sequence 35, Application US/10068160
; Publication No. US20030060440A1
; GENERAL INFORMATION:
; APPLICANT: THE GOVERNMENT OF THE UNITED STATES OF AMERICA, REPRESENTED BY THE
; APPLICANT: SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES
; APPLICANT: KLINMAN, Dennis
; APPLICANT: ISHII, Ken
; APPLICANT: VERTHELYI, Daniela
; TITLE OF INVENTION: OLIGODEOXYNUCLEOTIDE AND ITS USE TO INDUCE AN IMMUNE RESPONSE
; FILE REFERENCE: 4239-61999
; CURRENT APPLICATION NUMBER: US/10/068,160
; CURRENT FILING DATE: 2002-02-06
; PRIOR APPLICATION NUMBER: 60/128,898
; PRIOR FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 120
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-10-068-160-35

Query Match 0.8%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 2.4e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 441 GTGCATCCAGGAGGGGG 459
|||||
Db 2 GTGCATCCAGGAGGGGG 20

RESULT 218

US-10-068-160-65
; Sequence 65, Application US/10068160
; Publication No. US20030060440A1
; GENERAL INFORMATION:
; APPLICANT: THE GOVERNMENT OF THE UNITED STATES OF AMERICA, REPRESENTED BY THE
; APPLICANT: SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES
; APPLICANT: KLINMAN, Dennis
; APPLICANT: ISHII, Ken
; APPLICANT: VERTHELYI, Daniela
; TITLE OF INVENTION: OLIGODEOXYNUCLEOTIDE AND ITS USE TO INDUCE AN IMMUNE RESPONSE
; FILE REFERENCE: 4239-61999
; CURRENT APPLICATION NUMBER: US/10/068,160
; CURRENT FILING DATE: 2002-02-06
; PRIOR APPLICATION NUMBER: 60/128,898
; PRIOR FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 120
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-10-068-160-65

Query Match 0.8%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 2.4e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 441 GTGCATCCAGGAGGGGG 459

Db 2 GTGCATCCAGGAGGGGG 20
|||||

RESULT 219

US-10-278-547-35
; Sequence 35, Application US/10278547
; Publication No. US20030082619A1
; GENERAL INFORMATION:
; APPLICANT: BILLING-MEDEL, PATRICIA
; APPLICANT: COHEN, MAURICE
; APPLICANT: COLPITTS, TRACEY L.
; APPLICANT: FRIEDMAN, PAULA N.
; APPLICANT: GORDON, JULIAN
; APPLICANT: GRANADOS, EDWARD N.
; APPLICANT: HAYDEN, MARK
; APPLICANT: HODGES, STEVEN C.
; APPLICANT: KLAGS, MICHAEL R.
; APPLICANT: KRATOCHVIL, JON D.
; TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
; FOR DETECTING DISEASES OF THE GASTROINTESTINAL
; TRACT

NUMBER OF SEQUENCES: 49

CORRESPONDENCE ADDRESS:

ADDRESSEE: Abbott Laboratories

STREET: 100 Abbott Park Road

CITY: Abbott Park

STATE: IL

COUNTRY: USA

ZIP: 60064-3500

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSeq for Windows Version 2.0

CURRENT APPLICATION DATA: US/10/278,547

FILING DATE: 23-Oct-2002

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/09/050,516

FILING DATE: <Unknown>

APPLICATION NUMBER: 08/828,855

FILING DATE: 31-MAR-1997

ATTORNEY/AGENT INFORMATION:

NAME: Becker, Cheryl L.

REGISTRATION NUMBER: 35,441

REFERENCE/DOCKET NUMBER: 6065.US.P1

TELECOMMUNICATION INFORMATION:

TELEPHONE: 847/935-1729

TELEFAX: 847/938-2623

TELEX: <Unknown>

INFORMATION FOR SEQ ID NO: 35:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 35:

US-10-278-547-35

Query Match 0.8%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 2.4e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1472 TAAAGAGGGTGCTCAGA 1490

Db 2 TCAAAGAGGGTGCCACAGA 20

RESULT 220

US-10-278-547-37/c
; Sequence 37, Application US/10278547

Publication No. US20030082619A1
GENERAL INFORMATION:
APPLICANT: BILLING-MEDEL, PATRICIA
COHEN, MAURICE
COLPITTS, TRACEY L.
FRIEDMAN, PAULA N.
GORDON, JULIAN
GRANADOS, EDWARD N.
HAYDEN, MARK
HODGES, STEVEN C.
KLASS, MICHAEL R.
KRATOCHVIL, JON D.
TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
FOR DETECTING DISEASES OF THE GASTROINTESTINAL
TRACT
NUMBER OF SEQUENCES: 49
CORRESPONDENCE ADDRESS:
ADDRESSEE: Abbott Laboratories
STREET: 100 Abbott Park Road
CITY: Abbott Park
STATE: IL
COUNTRY: USA
ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/278,547
FILING DATE: 23-Oct-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/050,516
FILING DATE: <Unknown>
APPLICATION NUMBER: 08/828,855
FILING DATE: 31-MAR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Becker, Cheryl L.
REGISTRATION NUMBER: 35,441
REFERENCE/DOCKET NUMBER: 6065.US.P1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 847/935-1729
TELEFAX: 847/938-2623
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 37:
US-10-278-547-37
Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1472 TAAAGAGGGTGCTCAGA 1490
DB 19 TCAAGAGGGTGCCACAGA 1
RESULT 221
US-10-154-251-82
Sequence 82, Application US/10154251
Publication No. US20030092024A1
GENERAL INFORMATION:
APPLICANT: Youngman, Philip
APPLICANT: Fritz, Christopher
APPLICANT: Murphy, Christopher
APPLICANT: Guzman, Luz-Maria
TITLE OF INVENTION: ESSENTIAL BACTERIAL GENES AND THEIR USE

FILE REFERENCE: 06286-060002
CURRENT APPLICATION NUMBER: US/10/154,251
CURRENT FILING DATE: 2002-09-16
PRIOR APPLICATION NUMBER: US 10/154,251
PRIOR FILING DATE: 2002-05-22
NUMBER OF SEQ ID NOS: 102
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 82
LENGTH: 20
TYPE: DNA
ORGANISM: Streptococcus pneumoniae
US-10-154-251-82
Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1682 TTGCCAAGAGGCGCTGGA 1700
DB 1 TTGCCAAGAGGCGCAGAGAA 19
RESULT 222
US-10-001-076-54
Sequence 54, Application US/10001076
Publication No. US20030096775A1
GENERAL INFORMATION:
APPLICANT: Mark J. Graham
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF COMPLEMENT COMPONENT C3 EXPRESSION
FILE REFERENCE: RTS-0329
CURRENT APPLICATION NUMBER: US/10/001,076
CURRENT FILING DATE: 2001-10-23
NUMBER OF SEQ ID NOS: 179
SEQ ID NO 54
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-001-076-54
Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 604 CTGGACCCAGGTGGTGGCC 622
DB 1 CAGGCCCCAGGTGGTGGCC 19
RESULT 223
US-10-105-004-116
Sequence 116, Application US/10105004
Publication No. US20030105002A1
GENERAL INFORMATION:
APPLICANT: Murray, Jeffrey
Semina, Elena
TITLE OF INVENTION: RIEG COMPOSITIONS AND THERAPEUTIC
AND DIAGNOSTIC USES THEREFOR
NUMBER OF SEQUENCES: 139
CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY, HOAG & ELIOT LLP
STREET: One Post Office Square
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109-2170
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30

```
/
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/10/105,004
/ FILING DATE: 22-Mar-2002
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/08/754,477
/ FILING DATE: 22-NOV-1996
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Arnold, Beth E.
/ REGISTRATION NUMBER: 35,430
/ REFERENCE/DOCKET NUMBER: UIA-022.01
/ TELEPHONE: 617-832-1000
/ TELEFAX: 617-832-7000
/ TELECOMMUNICATION INFORMATION:
/ INFORMATION FOR SEQ ID NO: 116:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
/ SEQUENCE DESCRIPTION: SEQ ID NO: 116:
US-10-105-004-116

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 658 GGGAAACCCAGGCTCTGTGA 676
Db 2 GGGAAACATGCTCTGTGA 20

RESULT 224
US-10-058-422-13/c
/ Sequence 13, Application US/10058422
/ Publication No. US2003010881A1
/ GENERAL INFORMATION:
/ APPLICANT: HyeYoung Lee, Hye Eun Bang, Sang-Nae Cho, Gill-Han BAI,
/ APPLICANT: Sang-Jae Kim
/ TITLE OF INVENTION: A method for identifying Micobacteria tuberculosis and
/ TITLE OF INVENTION: non-tuberculosis Micobacteria, together with detecting resistant
/ TITLE OF INVENTION: to an antituberculosis drug of Micobacteria obtained by mutation
/ TITLE OF INVENTION: of rpoB gene
/ FILE REFERENCE: 0217-0008
/ CURRENT APPLICATION NUMBER: US/10/058,422
/ CURRENT FILING DATE: 2002-01-30
/ NUMBER OF SEQ ID NOS: 30
/ SOFTWARE: Kopatentin 1.71
/ SEQ ID NO 13
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligomer probe for M. chelonae
US-10-058-422-13

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 516 CTGGTGGTGGTGCACCAT 534
Db 20 CTGGTGGGAGTCACCAT 2

RESULT 225
US-10-227-185A-24
/ Sequence 24, Application US/10227185A
/ Publication No. US20030109439A1
/ GENERAL INFORMATION:
/ APPLICANT: GOSPODAROWICZ, Denis J.
/ APPLICANT: KAVANAUGH, W. Michael
/ APPLICANT: CRAWFORD, Kenneth
```

```
/
/ TITLE OF INVENTION: KGF POLYPEPTIDE COMPOSITIONS
/ FILE REFERENCE: 1431.002 / 2300-1431
/ CURRENT APPLICATION NUMBER: US/10/227,185A
/ CURRENT FILING DATE: 2002-08-21
/ NUMBER OF SEQ ID NOS: 28
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 24
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Oligo 2 for
/ OTHER INFORMATION: KGF-des1-37
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (1)
/ OTHER INFORMATION: wherein the 5' C has a 5' phosphate group
US-10-227-185A-24

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 880 CACTGCTGCGACAGAGA 898
Db 1 CACTGCTTGCACAGAGA 19

RESULT 226
US-10-269-501-20/c
/ Sequence 20, Application US/10269501
/ Publication No. US20030113347A1
/ GENERAL INFORMATION:
/ APPLICANT: Schweiz. Serum- & Impfinstitut Bern
/ APPLICANT: Cusi, Maria, Grazia
/ APPLICANT: Gluck, Reinhard
/ APPLICANT: Waliti, Ernst
/ TITLE OF INVENTION: Immunostimulating and Immunopotentiating Reconstituted Influenza
/ FILE REFERENCE: 009848-0290198
/ CURRENT APPLICATION NUMBER: US/10/269,501
/ CURRENT FILING DATE: 2003-02-28
/ PRIOR APPLICATION NUMBER: 09/264,551
/ PRIOR FILING DATE: 1999-03-08
/ PRIOR APPLICATION NUMBER: 08/255,740
/ PRIOR FILING DATE: 1994-04-11
/ PRIOR APPLICATION NUMBER: 07/965,246
/ PRIOR FILING DATE: 1993-03-03
/ PRIOR APPLICATION NUMBER: PCT/EP98/03050
/ PRIOR FILING DATE: 1998-05-22
/ PRIOR APPLICATION NUMBER: PCT/EP92/01014
/ PRIOR FILING DATE: 1992-05-08
/ PRIOR APPLICATION NUMBER: EP97108390.2
/ PRIOR FILING DATE: 1997-05-23
/ PRIOR APPLICATION NUMBER: EP91107527.3
/ PRIOR FILING DATE: 1991-05-08
/ PRIOR APPLICATION NUMBER: EP91107647.9
/ PRIOR FILING DATE: 1991-05-10
/ NUMBER OF SEQ ID NOS: 20
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 20
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-269-501-20

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 863 CCTCTGCTGTCATGGTTCA 881
```

Db 20 CCTCTGCTATCATGGGTAA 2
|||||

RESULT 227

US-10-003-919-65
; Sequence 65, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-65

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 549 CATCTGGGATTCCTCAGC 557
|||||
Db 2 CATCTGGGCTTCGTGAGC 20
|||||

RESULT 228

US-10-205-951-38/c
; Sequence 38, Application US/10205951
; Publication No. US20030119026A1
; GENERAL INFORMATION:
; APPLICANT: Le, Wei-dong
; APPLICANT: Vassilatis
; TITLE OF INVENTION: Mutant Nurrl Gene in Parkinson's Disease
; FILE REFERENCE: P03512US1
; CURRENT APPLICATION NUMBER: US/10/205,951
; CURRENT FILING DATE: 2002-07-26
; PRIOR APPLICATION NUMBER: US 60/308,294
; PRIOR FILING DATE: 2001-07-27
; NUMBER OF SEQ ID NOS: 124
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 38
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-10-205-951-38

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1047 GAATTTCACACTGTCCCC 1065
|||||
Db 20 GAATTACGACACTGTCCAC 2
|||||

RESULT 229

US-10-008-789-81
; Sequence 81, Application US/10008789
; Publication No. US20030125276A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF THYROID HORMONE RECEPTOR INTERACTOR 6 EXP
; FILE REFERENCE: RTS-0333
; CURRENT APPLICATION NUMBER: US/10/008,789

; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-008-789-81

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1573 CCCACTGGCCAGTACA 1591
|||||
Db 1 CCACACTGGCTGAGGACA 19
|||||

RESULT 230

US-09-866-108-1173
; Sequence 1173, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1173
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-1173

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1647 GAAGGACAAAGAG 1660
|||||
Db 4 GAAGGACAAAGAG 17

RESULT 231

US-09-866-108-1174
; Sequence 1174, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1174
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-1175

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1647 GAAGGACAAAGAG 1660
|||||
Db 2 GAAGGACAAAGAG 15

RESULT 233

US-09-866-108-1176
; Sequence 1176, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1647 GAAGGACAAAGAG 1660
|||||
Db 3 GAAGGACAAAGAG 15

RESULT 232

```
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aemica Sequence Listing Engine
; SEQ ID NO 1176
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-1176

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1647 GAAGGACAAAGAAG 1650
Db 1 GAAGGACAAAGAAG 14

RESULT 234
US-10-349-143-7185/c
; Sequence 7185, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-15627 for SEQ 598,
US-10-349-143-4532

Query Match 0.8%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 707 GGTCTCTCTTCTT 720
Db 16 GGTCTCTCTTCTT 3

RESULT 236
US-10-413-255-2
; Sequence 2, Application US/10413255
; Publication No. US20030165980A1
; GENERAL INFORMATION:
; APPLICANT: Lilly, Craig M.
; APPLICANT: Luster, Andrew D.
; APPLICANT: Drazen, Jeffrey M.
; TITLE OF INVENTION: METHODS FOR DIAGNOSIS, PREDICTION
AND TREATMENT OF ASTHMA AND OTHER INFLAMMATORY CONDITIONS
BASED ON BOTAXIN CODING SEQUENCE POLYMORPHISM
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
```

```
; SEQ ID NO 7185
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-2726 for SEQ 3251,
US-10-349-143-7185

Query Match 0.8%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1487 CAGAAGAGGAGATC 1500
Db 18 CAGAAGAGGAGATC 5

RESULT 235
US-10-349-143-4532/c
; Sequence 4532, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4532
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-15627 for SEQ 598,
US-10-349-143-4532

Query Match 0.8%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 707 GGTCTCTCTTCTT 720
Db 16 GGTCTCTCTTCTT 3

RESULT 236
US-10-413-255-2
; Sequence 2, Application US/10413255
; Publication No. US20030165980A1
; GENERAL INFORMATION:
; APPLICANT: Lilly, Craig M.
; APPLICANT: Luster, Andrew D.
; APPLICANT: Drazen, Jeffrey M.
; TITLE OF INVENTION: METHODS FOR DIAGNOSIS, PREDICTION
AND TREATMENT OF ASTHMA AND OTHER INFLAMMATORY CONDITIONS
BASED ON BOTAXIN CODING SEQUENCE POLYMORPHISM
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
```


STREET: 600 Atlantic Avenue
CITY: Boston
STATE: MA
COUNTRY: U.S.A.
ZIP: 02210-2211
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AECMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aescmca Sequence Listing Engine
SEQ ID NO 6751
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-6751

Query Match 0.8%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 854 AAACCCACCTCT 867
DB 3 AAACCCACCTCT 16

RESULT 237
US-10-021-707-21/c
Sequence 21, Application US/10021707
Publication No. US20030186903A1
GENERAL INFORMATION:
APPLICANT: Kenneth Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF MYD88 EXPRESSION
FILE REFERENCE: RTS-0330
CURRENT APPLICATION NUMBER: US/10/021,707
CURRENT FILING DATE: 2001-11-23
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 21
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-021-707-21

Query Match 0.8%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 708 TGTCTCTGTTCTG 721
DB 18 TGTCTCTGTTCTG 5

RESULT 238
US-09-866-108-6751
Sequence 6751, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AECMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aescmca Sequence Listing Engine
SEQ ID NO 6751
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-6751

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1689 GAAGGCAGTGGAGGAC 1705
DB 1 GAAGGCAGTGGAGGAC 17

RESULT 239
US-09-866-108-8312
Sequence 8312, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.

```

; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wenheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEWICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aesomica Sequence Listing Engine
; SEQ ID NO 8312
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-8312

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.1e-02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 976 CAACCCCTTCTGGGCAC 992
Db 1 CAGCTCCTTCTGGGCAC 17

RESULT 240
US-09-866-108-9107/c
; Sequence 9107, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wenheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEWICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26

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; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aesomica Sequence Listing Engine
; SEQ ID NO 9107
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-9107

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.1e-02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 228 TCACCGCAGCCTGCAG 244
Db 17 TCCAGGCAGCCTGCAG 1

RESULT 241
US-09-825-805-789
; Sequence 789, Application US/09825805
; Publication No. US20030004122A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MEHE00-831-F (400/009)
; CURRENT APPLICATION NUMBER: US/09/825,805
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 09/578,223
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 09/476,387
; PRIOR FILING DATE: 1999-12-30
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29

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; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1558
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 789
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-825-805-789

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.1e+02;
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1561 GGGAGGAGGCTGCCCA 1577
Db 1 GGGAGGAGGCTGCCCA 17

RESULT 242
US-09-825-805-1533
; Sequence 1533, Application US/09825805
; Publication No. US20030004122A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MBH00-831-F (400/009)
; CURRENT APPLICATION NUMBER: US/09/825,805
; CURRENT FILING DATE: 2001-09-27
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 09/476,387
; PRIOR FILING DATE: 1999-12-30
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,575
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1558
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 1533
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Enzymatic Nucleic Acid
US-09-825-805-1533

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 2.1e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 696 GGGAGGAGGAGTGTCT 712
Db 1 GGGAGGAGGAGGAGTGTCT 17

RESULT 243
US-09-730-289B-192/c
; Sequence 192, Application US/09730289B
; Publication No. US20030050259A1
; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for Treatment of Cardiac Disease
; FILE REFERENCE: MBH00-864-A (400/006)
; CURRENT APPLICATION NUMBER: US/09/730,289B
; CURRENT FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: US 60/169,100
; PRIOR FILING DATE: 1999-12-06
; NUMBER OF SEQ ID NOS: 3897
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 192
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-730-289B-192

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1229 CTGAGAAATACCTTAGGA 1245
Db 17 CTGAGAAATACCTTAGTA 1

RESULT 244
US-09-877-478-758/c
; Sequence 758, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 758
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-758

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1260 TGTCAAAAAGAAAGACC 1276
Db 17 TGTCAACAAAGAAAACC 1

RESULT 245
US-09-093-972C-782
; Sequence 782, Application US/0903972C
; Publication No. US20030087845A1
; GENERAL INFORMATION:
; APPLICANT: Nyce, Jonathan W.
; TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION
; & TREATMENT OF DISEASES & CONDITIONS ASSOCIATED WITH
; BRONCHOCONSTRICTION, ALLERGY (IES) & INFLAMMATION
; NUMBER OF SEQUENCES: 996
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
; STREET: 7 Clarke Drive
; CITY: Cranbury
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 08512
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/093,972C
; FILING DATE: 09-Jun-1998
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/472,527
; FILING DATE: 7-June-1995
; APPLICATION NUMBER: US 08/757,024
; FILING DATE: 26-11-1996
; APPLICATION NUMBER: US 08/472,527
; FILING DATE: 7-June-1995
; APPLICATION NUMBER: US 09/016,464
; FILING DATE: 30-January-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Amzel, Viviana
; REGISTRATION NUMBER: 30,930
; REFERENCE/DOCKET NUMBER: EPI-00672
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-409-3035
; TELEFAX: 413-254-9245
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 782:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 782:
US-09-093-972C-782
Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 70 GCGGCTTGGGGGCGACA 86
Db 1 GCGGCAATGGGGGCGACA 17
RESULT 246
US-09-776-474-172/c
; Sequence 172, Application US/09776474
; Publication No. US20030087847A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Bocher, Robert
; APPLICANT: Holman, Patricia
; APPLICANT: Fattaey, Ali
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010

; TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK-1)
; TITLE OF INVENTION: Enzyme
; FILE REFERENCE: MHB00-955-A (400/008)
; CURRENT APPLICATION NUMBER: US/09/776,474
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,983
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 2992
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 172
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-776-474-172
Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1263 CAAAAGAAAGACCTGT 1279
Db 17 CATAAGGAAGACCTGT 1
RESULT 247
US-09-776-474-1097/c
; Sequence 1097, Application US/09776474
; Publication No. US20030087847A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Bocher, Robert
; APPLICANT: Holman, Patricia
; APPLICANT: Fattaey, Ali
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK-1)
; FILE REFERENCE: MHB00-955-A (400/008)
; CURRENT APPLICATION NUMBER: US/09/776,474
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,983
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 2992
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1097
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-776-474-1097
Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 931 ATGAAATTCCTTCTCT 947
Db 17 ATGAATTCCTTCTCT 1
RESULT 248
US-09-780-164-99/c
; Sequence 99, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Bocher, Robert
; APPLICANT: Holman, Patricia
; APPLICANT: Fattaey, Ali
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010

US-09-740-332-3481
Query Match
Best Local Similarity 0.8%; Score 13.8; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
CURRENT APPLICATION NUMBER: US/09/780,164
CURRENT FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 60/185,516
PRIOR FILING DATE: 2000-02-28
NUMBER OF SEQ ID NOS: 2603
SOFTWARE: Patentin version 3.0
SEQ ID NO 99
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-780-164-99

Query Match
Best Local Similarity 0.8%; Score 13.8; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1465 CCATTTTAAAGAGG 1481
DB 17 CCATTTTAAAGATGG 1

RESULT 249
US-09-780-164-907
Sequence 907, Application US/09780164
Publication No. US20030092646A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
FILE REFERENCE: 400/010
CURRENT APPLICATION NUMBER: US/09/780,164
CURRENT FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 60/185,516
PRIOR FILING DATE: 2000-02-28
NUMBER OF SEQ ID NOS: 2603
SOFTWARE: Patentin version 3.0
SEQ ID NO 907
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-780-164-907

Query Match
Best Local Similarity 0.8%; Score 13.8; DB 1; Length 17;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 914 TGGAGCGACATTGAAA 930
DB 1 UGAAGAAGACAUGAAA 17

RESULT 250
US-09-740-332-3481
Sequence 3481, Application US/09740332
Publication No. US20030125270A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
FILE REFERENCE: RPI 400/003
CURRENT APPLICATION NUMBER: US/09/740,332
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9704
SOFTWARE: Patentin version 3.0
SEQ ID NO 3481
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-780-164-907
Sequence 907, Application US/09780164
Publication No. US20030092646A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
FILE REFERENCE: 400/010
CURRENT APPLICATION NUMBER: US/09/780,164
CURRENT FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 60/185,516
PRIOR FILING DATE: 2000-02-28
NUMBER OF SEQ ID NOS: 2603
SOFTWARE: Patentin version 3.0
SEQ ID NO 907
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-780-164-907

US-09-740-332-3481

Query Match
Best Local Similarity 0.8%; Score 13.8; DB 1; Length 17;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 623 TGGCTGGTCCAGGAC 639
DB 1 UCCGCUUGGCCAGGAC 17

RESULT 251
US-09-817-879-3481
Sequence 3481, Application US/09817879
Publication No. US20030171311A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
FILE REFERENCE: MEHB00-801-F
CURRENT APPLICATION NUMBER: US/09/817,879
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9703
SOFTWARE: Patentin version 3.0
SEQ ID NO 3481
LENGTH: 17
TYPE: RNA
ORGANISM: artificial sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION:
OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-3481

Query Match
Best Local Similarity 0.8%; Score 13.8; DB 1; Length 17;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 623 TGGCTGGTCCAGGAC 639
DB 1 UCCGCUUGGCCAGGAC 17

RESULT 252
US-10-163-552-701
Sequence 701, Application US/10163552
Publication No. US20030105051A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: MCSwiggan, Jim
TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level:
FILE REFERENCE: MEHB01-1653-A (400/014)
CURRENT APPLICATION NUMBER: US/10/163,552
CURRENT FILING DATE: 2002-06-06
NUMBER OF SEQ ID NOS: 1997
SOFTWARE: Patentin version 3.0
SEQ ID NO 701
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-163-552-701

Query Match
Best Local Similarity 0.8%; Score 13.8; DB 1; Length 17;
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1561 GGGGAGGGTCCGCCA 1577
DB 1 GGGGAGGGGUGGCCCA 17

RESULT 253

```
US-10-156-306-6801/c
; Sequence 6801, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6801
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-6801

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      773 GCGTGGCCCTCACTTCT 789
Db      17 GCGGGTCTCACTTCT 1

RESULT 254
US-10-156-306-6855
; Sequence 6855, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6855
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-6855

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      689 AGTCAGCGGAGAGAA 705
Db      1 ACCCAGAGGGAGAGAA 17

RESULT 255
US-10-156-306-6931
; Sequence 6931, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6931
; LENGTH: 17
```

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; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-6931

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 2.1e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY      684 TGGAGAGTCAGCGGAG 700
Db      1 UGGAGAGUGAGCGCGAG 17

RESULT 256
US-09-878-582-31
; Sequence 31, Application US/09878582
; Patent No. US20020058638A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; APPLICANT: Robert McKay
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTEN EXPRESSION
; FILE REFERENCE: ISPH-0463
; CURRENT APPLICATION NUMBER: US/09/878,582
; CURRENT FILING DATE: 2001-06-11
; PRIOR APPLICATION NUMBER: 09/577,902
; PRIOR FILING DATE: 2000-05-24
; PRIOR APPLICATION NUMBER: US 09/358,381
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: PCT/US99/29594,
; PRIOR FILING DATE: 1999-12-14
; NUMBER OF SEQ ID NOS: 51
; SEQ ID NO 31
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-878-582-31

Query Match      0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      369 TGAAGACTGCTTTACC 385
Db      1 TGAAGAATGTATTACC 17

RESULT 257
US-09-969-373-1788
; Sequence 1788, Application US/09969373
; Patent No. US2002013952A1
; GENERAL INFORMATION:
; APPLICANT: Eiferetz, Roger J.
; APPLICANT: Hauge, Brian M.
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; CURRENT FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 09/760,427
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/855,768
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 1788
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-1788
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Query Match 0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 828 GCAAAATGCTATCACTG 844
DB 2 GCAGCTTGCTATCACTG 18

RESULT 258

US-09-093-972C-765
; Sequence 765, Application US/09093972C
; Publication No. US20030087845A1
; GENERAL INFORMATION:

APPLICANT: Nyce, Jonathan W.
TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION
& TREATMENT OF DISEASES & CONDITIONS ASSOCIATED WITH
BRONCHOCONSTRICTION, ALLERGY (IES) & INFLAMMATION

NUMBER OF SEQUENCES: 996

CORRESPONDENCE ADDRESS:

ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive

CITY: Cranbury
STATE: New Jersey
COUNTRY: USA

ZIP: 08512

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/093,972C

FILING DATE: 09-Jun-1998

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/472,527

FILING DATE: 7-June-1995

APPLICATION NUMBER: US 08/757,024

FILING DATE: 26-11-1996

APPLICATION NUMBER: US 08/472,527

FILING DATE: 7-June-1995

APPLICATION NUMBER: US 09/016,464

FILING DATE: 30-January-1998

ATTORNEY/AGENT INFORMATION:

NAME: Amzel, Viviana

REGISTRATION NUMBER: 30,930

REFERENCE/DOCKET NUMBER: EPI-00672

TELECOMMUNICATION INFORMATION:

TELEPHONE: 609-409-3035

TELEFAX: 413-254-9245

TELEX: <Unknown>

INFORMATION FOR SEQ ID NO: 765:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

SEQUENCE DESCRIPTION: SEQ ID NO: 765:

US-09-093-972C-765

Query Match 0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 70 GCGGCTTGGGGGCACA 86
DB 2 GCGGCTTGGGGGCACA 18

RESULT 259

US-09-093-972C-781

; Sequence 781, Application US/09093972C
; Publication No. US20030087845A1
; GENERAL INFORMATION:

APPLICANT: Nyce, Jonathan W.

TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION
& TREATMENT OF DISEASES & CONDITIONS ASSOCIATED WITH
BRONCHOCONSTRICTION, ALLERGY (IES) & INFLAMMATION

NUMBER OF SEQUENCES: 996

CORRESPONDENCE ADDRESS:

ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.

STREET: 7 Clarke Drive

CITY: Cranbury

STATE: New Jersey

COUNTRY: USA

ZIP: 08512

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/093,972C

FILING DATE: 09-Jun-1998

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/472,527

FILING DATE: 7-June-1995

APPLICATION NUMBER: US 08/757,024

FILING DATE: 26-11-1996

APPLICATION NUMBER: US 08/472,527

FILING DATE: 7-June-1995

APPLICATION NUMBER: US 09/016,464

FILING DATE: 30-January-1998

ATTORNEY/AGENT INFORMATION:

NAME: Amzel, Viviana

REGISTRATION NUMBER: 30,930

REFERENCE/DOCKET NUMBER: EPI-00672

TELECOMMUNICATION INFORMATION:

TELEPHONE: 609-409-3035

TELEFAX: 413-254-9245

TELEX: <Unknown>

INFORMATION FOR SEQ ID NO: 781:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

SEQUENCE DESCRIPTION: SEQ ID NO: 781:

US-09-093-972C-781

Query Match 0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 70 GCGGCTTGGGGGCACA 86
DB 1 GCGGCTTGGGGGCACA 17

RESULT 260

US-10-388-263-316/c

; Sequence 316, Application US/10388263

; Publication No. US20030228597A1

GENERAL INFORMATION:

APPLICANT: Cowser, Lex M.

APPLICANT: Baker, Brenda F.

APPLICANT: McNeil, John

APPLICANT: Freier, Susan M.

APPLICANT: Sasmor, Henri M.

APPLICANT: Brooks, Douglas G.

APPLICANT: Ohashi, Cara

APPLICANT: Wyatt, Jacqueline R.

```
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
; TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
; FILE REFERENCE: ISIS-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 316
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-316

Query Match          0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1262 TCACCAAGAGGACCTG 1278
Db 18 TCACCAAGAGGACCTG 2

RESULT 261
US-10-388-263-852
; Sequence 852, Application US/10388263
; Publication No. US20030228597A1
; GENERAL INFORMATION:
; APPLICANT: Cowsert, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeil, John
; APPLICANT: Freier, Susan M.
; APPLICANT: Sasmor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Ohashi, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
; TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
; FILE REFERENCE: ISIS-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 852
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-852

Query Match          0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 369 TGAAGACTGCTTTACC 385
Db 1 TGAAGAAATGATTACC 17

RESULT 262
US-10-336-213B-31
; Sequence 31, Application US/10336213B
; Publication No. US20040002153A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
```

```
; APPLICANT: Lex M. Cowsert
; APPLICANT: Robert McKay
; APPLICANT: Tim Vickers
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTEN EXPRESSION
; FILE REFERENCE: ISIS0004-100
; CURRENT APPLICATION NUMBER: US/10/336,213B
; CURRENT FILING DATE: 2003-01-03
; PRIOR APPLICATION NUMBER: US 60/411,780
; PRIOR FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: US 09/878,582
; PRIOR FILING DATE: 2001-06-11
; PRIOR APPLICATION NUMBER: US 09/577,902
; PRIOR FILING DATE: 2000-05-24
; PRIOR APPLICATION NUMBER: PCT/US99/29594
; PRIOR FILING DATE: 1999-12-14
; PRIOR APPLICATION NUMBER: US 09/358,381
; PRIOR FILING DATE: 1999-07-21
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 31
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-10-336-213B-31

Query Match          0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 369 TGAAGACTGCTTTACC 385
Db 1 TGAAGAAATGATTACC 17

RESULT 263
US-10-349-143-8586/c
; Sequence 8586, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8586
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-16842 for SEQ 721, in complemer
US-10-349-143-8586

Query Match          0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1214 TGATTCAGAGCCACT 1230
Db 17 TGATTCCTGAAGCCTCT 1
```


RESULT 264

US-10-300-215-206/c
; Sequence 206, Application US/10300215
; Publication No. US20030153043A1
; GENERAL INFORMATION:
; APPLICANT: CARR, Francis Joseph
; APPLICANT: ADAIR, Fiona Suzanne
; APPLICANT: HAMILTON, Anita Anne
; APPLICANT: CARTER, Graham
; TITLE OF INVENTION: METHOD FOR THE PRODUCTION OF
; TITLE OF INVENTION: NON-IMMUNOGENIC PROTEINS
; FILE REFERENCE: MER-104-Con.1
; CURRENT APPLICATION NUMBER: US/10/300,215
; CURRENT FILING DATE: 2002-11-20
; PRIOR APPLICATION NUMBER: US 09/438,136
; PRIOR FILING DATE: 1999-11-10
; PRIOR APPLICATION NUMBER: WO PCT/GB98/01473
; PRIOR FILING DATE: 1998-05-21
; PRIOR APPLICATION NUMBER: GB 9710480.6
; PRIOR FILING DATE: 1997-05-21
; PRIOR APPLICATION NUMBER: GB 9716197.0
; PRIOR FILING DATE: 1997-07-31
; PRIOR APPLICATION NUMBER: GB 9725270.4
; PRIOR FILING DATE: 1997-11-28
; PRIOR APPLICATION NUMBER: GB 9807751.4
; PRIOR FILING DATE: 1998-04-14
; PRIOR APPLICATION NUMBER: US 60/067,235
; PRIOR FILING DATE: 1997-12-02
; NUMBER OF SEQ ID NOS: 254
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 206
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-300-215-206

Query Match 0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 49 CTGGCCACTCTCTCTGC 65
DB 18 CTGGCCACTCTCTCTGC 2

RESULT 265

US-10-300-215-222/c
; Sequence 222, Application US/10300215
; Publication No. US20030153043A1
; GENERAL INFORMATION:
; APPLICANT: CARR, Francis Joseph
; APPLICANT: ADAIR, Fiona Suzanne
; APPLICANT: HAMILTON, Anita Anne
; APPLICANT: CARTER, Graham
; TITLE OF INVENTION: METHOD FOR THE PRODUCTION OF
; TITLE OF INVENTION: NON-IMMUNOGENIC PROTEINS
; FILE REFERENCE: MER-104-Con.1
; CURRENT APPLICATION NUMBER: US/10/300,215
; CURRENT FILING DATE: 2002-11-20
; PRIOR APPLICATION NUMBER: US 09/438,136
; PRIOR FILING DATE: 1999-11-10
; PRIOR APPLICATION NUMBER: WO PCT/GB98/01473
; PRIOR FILING DATE: 1998-05-21
; PRIOR APPLICATION NUMBER: GB 9710480.6
; PRIOR FILING DATE: 1997-05-21
; PRIOR APPLICATION NUMBER: GB 9716197.0
; PRIOR FILING DATE: 1997-07-31
; PRIOR APPLICATION NUMBER: GB 9725270.4
; PRIOR FILING DATE: 1997-11-28

; PRIOR APPLICATION NUMBER: GB 9807751.4
; PRIOR FILING DATE: 1998-04-14
; PRIOR APPLICATION NUMBER: US 60/067,235
; PRIOR FILING DATE: 1997-12-02
; NUMBER OF SEQ ID NOS: 254
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 222
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-300-215-222

Query Match 0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 49 CTGGCCACTCTCTCTGC 65
DB 18 CTGGCCACTCTCTCTGC 2

RESULT 266

US-10-156-610-11/c
; Sequence 11, Application US/10156610
; Publication No. US20030050270A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; APPLICANT: Erich Koller
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B KINASE-BETA EXPRESSION
; FILE REFERENCE: ISPH-0666
; CURRENT APPLICATION NUMBER: US/10/156,610
; CURRENT FILING DATE: 2002-05-24
; PRIOR APPLICATION NUMBER: US 09/856,246
; PRIOR FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: PCT/US99/16959
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: US 09/197,008
; PRIOR FILING DATE: 1998-11-20
; NUMBER OF SEQ ID NOS: 83
; SEQ ID NO 11
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-156-610-11

Query Match 0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 825 TGAGCAATTCCTATCA 841
DB 17 TGAGCAATTCCTATCA 1

RESULT 267

US-09-093-972C-747
; Sequence 747, Application US/09093972C
; Publication No. US20030087845A1
; GENERAL INFORMATION:
; APPLICANT: Nyce, Jonathan W.
; TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION
; & TREATMENT OF DISEASES & CONDITIONS ASSOCIATED WITH
; BRONCHOCONSTRICTION, ALLERGY(IES) & INFLAMMATION
; NUMBER OF SEQUENCES: 996
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
; STREET: 7 Clarke Drive
; CITY: Cranbury

```

; STATE: New Jersey
; COUNTRY: USA
; ZIP: 08512
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US 09/093,972C
; FILING DATE: 09-Jun-1998
; CLASSIFICATION: <Unknown>
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/472,527
; FILING DATE: 7-June-1995
; APPLICATION NUMBER: US 08/757,024
; FILING DATE: 26-11-1996
; APPLICATION NUMBER: US 08/472,527
; FILING DATE: 7-June-1995
; APPLICATION NUMBER: US 09/016,464
; FILING DATE: 30-January-1998
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Amzel, Viviana
; REGISTRATION NUMBER: 30,930
; REFERENCE/DOCKET NUMBER: EPI-00672
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-409-3035
; TELEFAX: 413-254-9245
; TELEX: <Unknown>
;
; INFORMATION FOR SEQ ID NO: 747:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 747:
;
; US-09-093-972C-747
;
; Query Match 0.8%; Score 13.8; DB 1; Length 19;
; Best Local Similarity 88.2%; Pred. No. 2.6e+02;
; Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 70 GCGGCTTGGGGGCACA 86
; ||||| ||||| |||||
; Db 3 GCGGCATGGCGGCACA 19
;
; RESULT 268
; US-09-093-972C-764
; Sequence 764, Application US/09093972C
; Publication No. US20030087845A1
; GENERAL INFORMATION:
; APPLICANT: Nyce, Jonathan W.
; TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION
; & TREATMENT OF DISEASES & CONDITIONS ASSOCIATED WITH
; BRONCHOCOCONSTRICTION, ALLERGY(IES) & INFLAMMATION
;
; NUMBER OF SEQUENCES: 996
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
; STREET: 7 Clarke Drive
; CITY: Cranbury
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 08512
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/093,972C
; FILING DATE: 09-Jun-1998

```

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; CLASSIFICATION: <Unknown>
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/472,527
; FILING DATE: 7-June-1995
; APPLICATION NUMBER: US 08/757,024
; FILING DATE: 26-11-1996
; APPLICATION NUMBER: US 08/472,527
; FILING DATE: 7-June-1995
; APPLICATION NUMBER: US 09/016,464
; FILING DATE: 30-January-1998
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Amzel, Viviana
; REGISTRATION NUMBER: 30,930
; REFERENCE/DOCKET NUMBER: EPI-00672
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-409-3035
; TELEFAX: 413-254-9245
; TELEX: <Unknown>
;
; INFORMATION FOR SEQ ID NO: 764:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 764:
;
; US-09-093-972C-764
;
; Query Match 0.8%; Score 13.8; DB 1; Length 19;
; Best Local Similarity 88.2%; Pred. No. 2.6e+02;
; Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 70 GCGGCTTGGGGGCACA 86
; ||||| ||||| |||||
; Db 2 GCGGCATGGCGGCACA 18
;
; RESULT 269
; US-09-093-972C-780
; Sequence 780, Application US/09093972C
; Publication No. US20030087845A1
; GENERAL INFORMATION:
; APPLICANT: Nyce, Jonathan W.
; TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION
; & TREATMENT OF DISEASES & CONDITIONS ASSOCIATED WITH
; BRONCHOCOCONSTRICTION, ALLERGY(IES) & INFLAMMATION
;
; NUMBER OF SEQUENCES: 996
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
; STREET: 7 Clarke Drive
; CITY: Cranbury
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 08512
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/093,972C
; FILING DATE: 09-Jun-1998
; CLASSIFICATION: <Unknown>
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/472,527
; FILING DATE: 7-June-1995
; APPLICATION NUMBER: US 08/757,024
; FILING DATE: 26-11-1996
; APPLICATION NUMBER: US 08/472,527
; FILING DATE: 7-June-1995
; APPLICATION NUMBER: US 09/016,464
; FILING DATE: 30-January-1998
;
; ATTORNEY/AGENT INFORMATION:

```

NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-00672
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
TELEFAX: 413-254-9245
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 780:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 780:
US-09-093-972C-780

Query Match 0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 70 GCGGCTTGGGGGCACA 86
|||||
DB 1 GCGGCATGGGGGCACA 17

RESULT 270

US-09-864-636A-2547/c
Sequence 2547, Application US/09864636A
Publication No. US20030104378A1
GENERAL INFORMATION:
APPLICANT: Third Wave Technologies
APPLICANT: Aliwal, Hatim
APPLICANT: Bartholomay, Christian
APPLICANT: Chehak, LuAnne
TITLE OF INVENTION: Detection of RNA Sequences
FILE REFERENCE: FORS-04944
CURRENT APPLICATION NUMBER: US/09/864,636A
CURRENT FILING DATE: 2002-10-15
NUMBER OF SEQ ID NOS: 2640
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2547
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-09-864-636A-2547

Query Match 0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 840 CACTGCTGGTGCAAAA 856
|||||
DB 18 CACTGCTGGGGCACAAA 2

RESULT 271

US-10-224-005-23/c
Sequence 23, Application US/10224005
Publication No. US20030143732A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Fossnaugh, Kathy
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Adenosine A1 Receptor (AD
FILE REFERENCE: 900/041 (MHB01-1110-A)
CURRENT APPLICATION NUMBER: US/10/224,005
CURRENT FILING DATE: 2002-08-20
PRIOR APPLICATION NUMBER: US 60/315,315
PRIOR FILING DATE: 2001-08-28

NUMBER OF SEQ ID NOS: 347
SOFTWARE: PatentIn version 3.0
SEQ ID NO 23
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense re
US-10-224-005-23

Query Match 0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 70 GCGGCTTGGGGGCACA 86
|||||
DB 19 GCGGCATGGGGGCACA 3

RESULT 272

US-10-224-005-184
Sequence 184, Application US/10224005
Publication No. US20030143732A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Fossnaugh, Kathy
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Adenosine A1 Receptor (AD
FILE REFERENCE: 900/041 (MHB01-1110-A)
CURRENT APPLICATION NUMBER: US/10/224,005
CURRENT FILING DATE: 2002-08-20
PRIOR APPLICATION NUMBER: US 60/315,315
PRIOR FILING DATE: 2001-08-28
NUMBER OF SEQ ID NOS: 347
SOFTWARE: PatentIn version 3.0
SEQ ID NO 184
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-224-005-184

Query Match 0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 82.4%; Pred. No. 2.6e+02;
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 70 GCGGCTTGGGGGCACA 86
|||||
DB 1 GCGGCATGGGGGCACA 17

RESULT 273

US-10-360-215-183/c
Sequence 183, Application US/10300215
Publication No. US20030153043A1
GENERAL INFORMATION:
APPLICANT: Carr, Francis Joseph
APPLICANT: Adair, Fiona Suzanne
APPLICANT: Hamilton, Anita Anne
APPLICANT: Carter, Graham
TITLE OF INVENTION: METHOD FOR THE PRODUCTION OF
FILE REFERENCE: MER-104-Con.1
CURRENT APPLICATION NUMBER: US/10/300,215
CURRENT FILING DATE: 2002-11-20
PRIOR APPLICATION NUMBER: US 09/438,136
PRIOR FILING DATE: 1999-11-10
PRIOR APPLICATION NUMBER: WO PCT/GB98/01473
PRIOR FILING DATE: 1998-05-21
PRIOR APPLICATION NUMBER: GB 9710480.6
PRIOR FILING DATE: 1997-05-21

```

; PRIOR APPLICATION NUMBER: GB 9716197.0
; PRIOR FILING DATE: 1997-07-31
; PRIOR APPLICATION NUMBER: GB 9725270.4
; PRIOR FILING DATE: 1997-11-28
; PRIOR APPLICATION NUMBER: GB 9807751.4
; PRIOR FILING DATE: 1998-04-14
; PRIOR APPLICATION NUMBER: US 60/067,235
; PRIOR FILING DATE: 1997-12-02
; NUMBER OF SEQ ID NOS: 254
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 183
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-300-215-183

Query Match          0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 49 CTGGCCACTCTCTGCG 65
Db 18 CTGGTCACTGCTCTGCG 2

RESULT 274
US-10-300-215-236/c
; Sequence 236, Application US/10300215
; Publication No. US20030153043A1
; GENERAL INFORMATION:
; APPLICANT: CARR, Francis Joseph
; APPLICANT: ADAIR, Fiona Suzanne
; APPLICANT: HAMILTON, Anita Anne
; APPLICANT: CARTER, Graham
; TITLE OF INVENTION: METHOD FOR THE PRODUCTION OF
; TITLE OF INVENTION: NON-IMMUNOGENIC PROTEINS
; FILE REFERENCE: MER-104-Con.1
; CURRENT APPLICATION NUMBER: US/10/300,215
; CURRENT FILING DATE: 2002-11-20
; PRIOR APPLICATION NUMBER: US 09/438,136
; PRIOR FILING DATE: 1999-11-10
; PRIOR APPLICATION NUMBER: WO PCT/GB98/01473
; PRIOR FILING DATE: 1998-05-21
; PRIOR APPLICATION NUMBER: GB 9710480.6
; PRIOR FILING DATE: 1997-05-21
; PRIOR APPLICATION NUMBER: GB 9716197.0
; PRIOR FILING DATE: 1997-07-31
; PRIOR APPLICATION NUMBER: GB 9725270.4
; PRIOR FILING DATE: 1997-11-28
; PRIOR APPLICATION NUMBER: GB 9807751.4
; PRIOR FILING DATE: 1998-04-14
; PRIOR APPLICATION NUMBER: US 60/067,235
; PRIOR FILING DATE: 1997-12-02
; NUMBER OF SEQ ID NOS: 254
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 236
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-300-215-236

Query Match          0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 49 CTGGCCACTCTCTGCG 65
Db 18 CTGGTCACTGCTCTGCG 2
```

```

RESULT 275
US-10-334-703-13/c
; Sequence 13, Application US/10334703
; Publication No. US20030154511A1
; GENERAL INFORMATION:
; APPLICANT: Laten, Howard M.
; TITLE OF INVENTION: PLANT RETROVIRAL POLYNUCLEOTIDES AND
; METHODS OF USE THEREOF
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, Gerstein and Borun
; STREET: 233 South Wacker Drive/6300 Sears Tower
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA: US/10/334,703
; APPLICATION NUMBER: US/10/334,703
; FILING DATE: 20-Dec-2002
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Wrona, Thomas J.
; REGISTRATION NUMBER: 44,410
; REFERENCE/DOCKET NUMBER: 27013/33214C US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 474-6300
; TELEFAX: (312) 474-0448
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "oligonucleotide"
; SEQUENCE DESCRIPTION: SEQ ID NO: 13:
US-10-334-703-13

Query Match          0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 942 ATCTCTGGACTTACAGG 958
Db 18 ATCTCTGAACCTTAAGG 2

RESULT 276
US-10-334-703-24/c
; Sequence 24, Application US/10334703
; Publication No. US20030154511A1
; GENERAL INFORMATION:
; APPLICANT: Laten, Howard M.
; TITLE OF INVENTION: PLANT RETROVIRAL POLYNUCLEOTIDES AND
; METHODS OF USE THEREOF
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, Gerstein and Borun
; STREET: 233 South Wacker Drive/6300 Sears Tower
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
```

SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/334,703
FILING DATE: 20-Dec-2002
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Wrona, Thomas J.
REGISTRATION NUMBER: 44,410
REFERENCE/DOCKET NUMBER: 27013/33214C US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300
TELEFAX: (312) 474-0448
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "oligonucleotide"
SEQUENCE DESCRIPTION: SEQ ID NO: 24:
US-10-334-703-24

Query Match 0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 942 ATCTCTGACTTACAGG 958
Db 18 ATCTCTGAACCTTAAAGG 2

RESULT 277

US-10-133-779-260
Sequence 260, Application US/10133779
Publication No. US20030165894A1
GENERAL INFORMATION:
APPLICANT: Chow, Robert
APPLICANT: Tonai, Richard
APPLICANT: StemCyt, Inc.
TITLE OF INVENTION: High Throughput Methods of HLA Typing
FILE REFERENCE: 020035-00010US
CURRENT APPLICATION NUMBER: US/10/133,779
CURRENT FILING DATE: 2002-04-25
PRIOR FILING DATE: 2002-04-25
PRIOR APPLICATION NUMBER: US/09/747,391
PRIOR FILING DATE: 2001-07-13
PRIOR APPLICATION NUMBER: US 60/172,768
PRIOR FILING DATE: 1999-12-20
NUMBER OF SEQ ID NOS: 278
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 260
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
US-10-133-779-260

Query Match 0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 95 CGCCACCTGTGGTGCAC 111
Db 2 CGCCACCTGTGGTGCAC 18

RESULT 278

US-10-308-279-9/c
Sequence 9, Application US/10308279
Publication No. US20030170742A1
GENERAL INFORMATION:
APPLICANT: Bristol-Myers Squibb Company
TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES ASSOCIATED WITH THE DEVELOPMENT
TITLE OF INVENTION: RHEUMATOID ARTHRITIS

FILE REFERENCE: D0190 NP
CURRENT APPLICATION NUMBER: US/10/308,279
CURRENT FILING DATE: 2002-12-03
PRIOR APPLICATION NUMBER: 60/337,429
PRIOR FILING DATE: 2001-12-03
NUMBER OF SEQ ID NOS: 91
SOFTWARE: PatentIn version 3.1
SEQ ID NO 9
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Artificial Sequence equals primer.
US-10-308-279-9

Query Match 0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 833 TTGCTATCACTGCTGGG 849
Db 18 TTGCTGCACTGATGGG 2

RESULT 279

US-10-084-839-2547/c
Sequence 2547, Application US/10084839
Publication No. US20030188238A1
GENERAL INFORMATION:
APPLICANT: Third Wave Technologies
APPLICANT: Allawi, Hatim
APPLICANT: Argue, Brad T.
APPLICANT: Bartholomay, Christian T.
APPLICANT: Chehak, LuAnne
APPLICANT: Curtis, Michelle L.
APPLICANT: Eis, Peggy S.
APPLICANT: Hall, Jeff G.
APPLICANT: Ip, Hon S.
APPLICANT: Ji, Lin
APPLICANT: Kaiser, Michael
APPLICANT: Kwiatkowski, Jr., Robert W.
APPLICANT: Lukowiak, Andrew A.
APPLICANT: Lyamichev, Victor
APPLICANT: Lyamacheva, Natalie E.
APPLICANT: Ma, WuPo
APPLICANT: Neri, Bruce P.
APPLICANT: Olson, Sarah M.
APPLICANT: Olson-Munoz, Marilyn C.
APPLICANT: Schaefer, James J.
APPLICANT: Skrzypczynski, Zbigniew
APPLICANT: Takova, Teetaka Y.
APPLICANT: Thompson, Lisa C.
APPLICANT: Vedvik, Kevin L.
TITLE OF INVENTION: RNA Detection Assays
FILE REFERENCE: FORS-06666
CURRENT APPLICATION NUMBER: US/10/084,839
CURRENT FILING DATE: 2002-02-26
NUMBER OF SEQ ID NOS: 4004
SOFTWARE: PatentIn version 3.1
SEQ ID NO 2547
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-084-839-2547

Query Match 0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 840 CACTGCTGGTGCAAAA 856
Db 18 CACTGCTGGTGCAAAA 2

```
Db      18  CACTGCTGGGACAAAA 2
;
OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense re
US-10-244-647-300

Query Match      0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1260  TGTCAAAAAGAAAGACC 1276
Db      18  TGTCAACAGAAAAACC 2

RESULT 282
US-10-244-647-937
; Sequence 937, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/060 (WBHB02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 291
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-244-647-937

Query Match      0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 76.5%; Pred. No. 2.6e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY      1260  TGTCAAAAAGAAAGACC 1276
Db      1  UGUCAACAGAAAAACC 17

RESULT 283
US-10-244-647-946
; Sequence 946, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/060 (WBHB02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 300
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense r
```

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Query Match          0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      942 ATCTCTGGACTTACAGG 958
      ||||| ||||| |||||
DB      18 ATCTCTGACTTAAAGG 2

RESULT 286
US-09-050-516-35/c
; Sequence 35, Application US/09050516
; Patent No. US20010010904A1
; GENERAL INFORMATION:
; APPLICANT: BILLING-MEDEL, PATRICIA
; APPLICANT: COHEN, MAURICE
; APPLICANT: COLPITTS, TRACEY L.
; APPLICANT: FRIEDMAN, PAULA N.
; APPLICANT: GORDON, JULIAN
; APPLICANT: GRANADOS, EDWARD N.
; APPLICANT: HAYDEN, MARK
; APPLICANT: HODGES, STEVEN C.
; APPLICANT: KLAS, MICHAEL R.
; APPLICANT: KRAICCHVIL, JON D.
; APPLICANT: ROBERTS-RAPP, LISA
; APPLICANT: RUSSELL, JOHN C.
; APPLICANT: STROUPE, STEPHEN D.
; TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
; TITLE OF INVENTION: FOR DETECTING DISEASES OF THE GASTROINTESTINAL
; TITLE OF INVENTION: TRACT
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Abbott Laboratories
; STREET: 100 Abbott Park Road
; CITY: Abbott Park
; STATE: IL
; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/050,516
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/828,855
; FILING DATE: 31-MAR-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Becker, Cheryl L.
; REGISTRATION NUMBER: 35,441
; REFERENCE/DOCKET NUMBER: 6065.US.P1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 847/935-1729
; TELEFAX: 847/938-2623
; TELEX:
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-050-516-35

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1667 TCTGGACCAACTCTTTGCC 1686
      ||||| ||||| |||||

```

Db 20 TCTGTGCCACCTCTTTGAC 1

RESULT 287

US-09-050-516-37
; Sequence 37, Application US/09050516
; Patent No. US20010010904A1

GENERAL INFORMATION:

APPLICANT: BILLING-MEDEL, PATRICIA
COHEN, MAURICE
COLPITTS, TRACEY L.
FRIEDMAN, PAULA N.
GORDON, JULIAN
GRANADOS, EDWARD N.
HAYDEN, MARK
HODGES, STEVEN C.
KLASS, MICHAEL R.
KRATOCHVIL, JON D.
ROBERTS-RAPP, LISA
RUSSELL, JOHN C.
STROUPE, STEPHEN D.

TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
FOR DETECTING DISEASES OF THE GASTROINTESTINAL
TRACT

NUMBER OF SEQUENCES: 49

CORRESPONDENCE ADDRESS:

ADDRESSEE: Abbott Laboratories
STREET: 100 Abbott Park Road
CITY: Abbott Park
STATE: IL
COUNTRY: USA
ZIP: 60064-3500

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/050,516
FILING DATE:
CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/828,855
FILING DATE: 31-MAR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Becker, Cheryl L.
REGISTRATION NUMBER: 35,441
REFERENCE/DOCKET NUMBER: 6055.US.P1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 847/935-1729
TELEFAX: 847/938-2623
TELEX:

INFORMATION FOR SEQ ID NO: 37:

SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-09-050-516-37

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3e+02; 4; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 0;

QY 1667 TCTGTGCCACCTCTTTGAC 1686

Db 1 TCTGTGCCACCTCTTTGAC 20

RESULT 288

US-10-278-547-35/c
; Sequence 35, Application US/10278547
; Publication No. US20030082619A1

GENERAL INFORMATION:

APPLICANT: BILLING-MEDEL, PATRICIA
COHEN, MAURICE
COLPITTS, TRACEY L.
FRIEDMAN, PAULA N.
GORDON, JULIAN
GRANADOS, EDWARD N.
HAYDEN, MARK
HODGES, STEVEN C.
KLASS, MICHAEL R.
KRATOCHVIL, JON D.

TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
FOR DETECTING DISEASES OF THE GASTROINTESTINAL
TRACT

NUMBER OF SEQUENCES: 49

CORRESPONDENCE ADDRESS:

ADDRESSEE: Abbott Laboratories
STREET: 100 Abbott Park Road
CITY: Abbott Park
STATE: IL
COUNTRY: USA
ZIP: 60064-3500

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/278,547
FILING DATE: 23-Oct-2002
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/09/050,516
FILING DATE: <Unknown>
APPLICATION NUMBER: 08/828,855
FILING DATE: 31-MAR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Becker, Cheryl L.
REGISTRATION NUMBER: 35,441
REFERENCE/DOCKET NUMBER: 6065.US.P1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 847/935-1729
TELEFAX: 847/938-2623
TELEX: <Unknown>

INFORMATION FOR SEQ ID NO: 35:

SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-10-278-547-35

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3e+02; 4; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 0;

QY 1667 TCTGTGCCACCTCTTTGAC 1686

Db 20 TCTGTGCCACCTCTTTGAC 1

RESULT 289

US-10-278-547-37
; Sequence 37, Application US/10278547
; Publication No. US20030082619A1
GENERAL INFORMATION:
APPLICANT: BILLING-MEDEL, PATRICIA
COHEN, MAURICE
COLPITTS, TRACEY L.
FRIEDMAN, PAULA N.
GORDON, JULIAN
GRANADOS, EDWARD N.

; TITLE OF INVENTION: Nucleic Acid Mediated Disruption of HIV Fusogenic Peptide
; TITLE OF INVENTION: Interactions
; FILE REFERENCE: MEH02-305-A (400/011)
; CURRENT APPLICATION NUMBER: US/10/420,194
; CURRENT FILING DATE: 2003-04-22
; PRIOR APPLICATION NUMBER: PCT/US 03/05190
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/398,036
; PRIOR FILING DATE: 2002-07-23
; PRIOR APPLICATION NUMBER: US 60/374,722
; PRIOR FILING DATE: 2002-04-22
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1234
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 166
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Human immunodeficiency virus
US-10-420-194-166

Query Match 0.8%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 293 CCCAGATCCCAAGG 307
DB 15 CCCAAGACCCCAAGG 1

RESULT 293
US-10-440-850-51
; Sequence 51, Application US/10440850
; Publication No. US20030207837A1
; GENERAL INFORMATION: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Induction of Graft Tolerance and Reversal
; TITLE OF INVENTION: Immune Responses
; FILE REFERENCE: 250/130 (MEH00-900-A)
; CURRENT APPLICATION NUMBER: US/10/440,850
; CURRENT FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: US/09/650,012
; PRIOR FILING DATE: 2000-08-28
; PRIOR APPLICATION NUMBER: US 08/585,684
; PRIOR FILING DATE: 1996-01-12
; PRIOR APPLICATION NUMBER: US 60/000,951
; PRIOR FILING DATE: 1995-07-07
; PRIOR APPLICATION NUMBER: US 09/038,073
; PRIOR FILING DATE: 1998-03-11
; NUMBER OF SEQ ID NOS: 2285
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 51
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-440-850-51

Query Match 0.8%; Score 13.4; DB 1; Length 15;
Best Local Similarity 53.3%; Pred. No. 2e+02;
Matches 8; Conservative 6; Mismatches 1; Indels 0; Gaps 0;
QY 781 CTCACCTCTGTCTGTG 795
DB 1 CUCACUCUGUCAG 15

RESULT 294
US-09-866-108-6520
; Sequence 6520, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: JI, Yizhong
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 6520
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-6520

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 227 CTCACCGCAGCCTG 241
DB 3 CACACCGCAGCCTG 17

RESULT 295

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RESULT 297
US-09-866-108-6759
; Sequence 6759, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEWICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359

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/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Acomica Sequence Listing Engine
/ SEQ ID NO 6759
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108-6759
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Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY 904 GAGGAGCTCTTGGAG 918
Db 3 GAGGAGCTCTTGGAG 17
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RESULT 298
US-09-866-108-6763
/ Sequence 6763, Application US/09866108
/ Patent No. US20020048800A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: ACOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
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/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Acomica Sequence Listing Engine
/ SEQ ID NO 6763
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108-6763
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Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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```
QY 906 GGAGCTCTTGGAG 920
Db 1 GGAGCTCTTGGAG 15
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RESULT 299
US-09-866-108-7246
/ Sequence 7246, Application US/09866108
/ Patent No. US20020048800A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: ACOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 7246
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7246

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 684 TGGAGAGTCAGCGGG 698
Db 3 TGGAGAGTCAGCGGG 17

RESULT 300
US-09-866-108-7247
; Sequence 7247, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 7247
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7248

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 684 TGGAGAGTCAGCGGG 698
Db 1 TGGAGAGTCAGCGGG 15

RESULT 301
US-09-866-108-7248
; Sequence 7248, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 7248
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7248

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 684 TGGAGAGTCAGCGGG 698
Db 1 TGGAGAGTCAGCGGG 15
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/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/350,206
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 09/042,780
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Elizabeth A. Hanley
/ REGISTRATION NUMBER: 33,505
/ REFERENCE/DOCKET NUMBER: MNI-032CP
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (617)227-7400
/ TELEFAX: (617)742-4214
/ INFORMATION FOR SEQ ID NO: 23:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
/ US-09-350-206-23

Query Match          0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 765 TGAGAGTGGCGTGGC 779
DB 17 TGAGAGAGGCGTGGC 3

RESULT 305
US-09-166-334-23/c
/ Sequence 23, Application US/09166334
/ Patent No. US20020168708A1
/ GENERAL INFORMATION:
/ APPLICANT: Andrew D.J. Goodearl and Sandra Glucksmann
/ TITLE OF INVENTION: Muscarinic Receptors and Uses Therefor
/ NUMBER OF SEQUENCES: 39
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: LAHIVE & COCKFIELD, LLP
/ STREET: 28 State Street
/ CITY: Boston
/ STATE: Massachusetts
/ COUNTRY: USA
/ ZIP: 02109
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/166,334
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/09/042,780
/ FILING DATE:
/ FILING DATE: 04-DEC-1997
/ APPLICATION NUMBER: US 08/985,090
/ FILING DATE: 04-DEC-1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Elizabeth A. Hanley
/ REGISTRATION NUMBER: 33,505
/ REFERENCE/DOCKET NUMBER: MNI-032CP
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (617)227-7400
/ TELEFAX: (617)742-4214
/ INFORMATION FOR SEQ ID NO: 23:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
/ US-09-166-334-23

Query Match          0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 765 TGAGAGTGGCGTGGC 779
DB 17 TGAGAGAGGCGTGGC 3

RESULT 307
US-09-864-785-589/c
/ Sequence 589, Application US/09864785
```

```
/
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
/ SEQUENCE DESCRIPTION: SEQ ID NO: 23:
/ US-09-349-755-23

Query Match          0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 765 TGAGAGTGGCGTGGC 779
DB 17 TGAGAGAGGCGTGGC 3

RESULT 306
US-09-166-334-23/c
/ Sequence 23, Application US/09166334
/ Patent No. US20020168708A1
/ GENERAL INFORMATION:
/ APPLICANT: Andrew D.J. Goodearl and Sandra Glucksmann
/ TITLE OF INVENTION: Muscarinic Receptors and Uses Therefor
/ NUMBER OF SEQUENCES: 39
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: LAHIVE & COCKFIELD, LLP
/ STREET: 28 State Street
/ CITY: Boston
/ STATE: Massachusetts
/ COUNTRY: USA
/ ZIP: 02109
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/166,334
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/09/042,780
/ FILING DATE:
/ FILING DATE: 04-DEC-1997
/ APPLICATION NUMBER: US 08/985,090
/ FILING DATE: 04-DEC-1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Elizabeth A. Hanley
/ REGISTRATION NUMBER: 33,505
/ REFERENCE/DOCKET NUMBER: MNI-032CP
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (617)227-7400
/ TELEFAX: (617)742-4214
/ INFORMATION FOR SEQ ID NO: 23:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
/ US-09-166-334-23

Query Match          0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 765 TGAGAGTGGCGTGGC 779
DB 17 TGAGAGAGGCGTGGC 3

RESULT 307
US-09-864-785-589/c
/ Sequence 589, Application US/09864785
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```
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: 400/022 (MEHB00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 589
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-589

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1638 CCAGAAGCTGAGGA 1652
Db 17 CCAGAAGCTGAGGA 3

RESULT 308
US-09-864-785-1658/c
; Sequence 1658, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: 400/022 (MEHB00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1658
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-1658

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1638 CCAGAAGCTGAGGA 1652
Db 16 CCAGAAGCTGAGGA 2

RESULT 309
US-09-864-785-2752
; Sequence 2752, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
```

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; TITLE OF INVENTION: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MEHB00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2752
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-2752

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 2.5e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 1435 GGGGATGAGCTCTTC 1449
Db 3 GGGGATGAGCTCTTC 17

RESULT 310
US-09-864-785-2753
; Sequence 2753, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: 400/022 (MEHB00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2753
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-2753

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 2.5e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 1435 GGGGATGAGCTCTTC 1449
Db 1 GGGGATGAGCTCTTC 15

RESULT 311
US-09-730-289B-193/c
; Sequence 193, Application US/09730289B
; Publication No. US20030050259A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for Treatment of Cardiac Disease
; FILE REFERENCE: MEHB00-864-A (400/006)
; CURRENT APPLICATION NUMBER: US/09/730,289B
; CURRENT FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: US 60/169,100
; PRIOR FILING DATE: 1999-12-06
; NUMBER OF SEQ ID NOS: 3897
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 193
```



```
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-730-289B-193

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1229 CTGAGAAATACCTAG 1243
Db 15 CTGAGAAATACCTAG 1

RESULT 312
US-09-780-533A-2088
; Sequence 2088, Application US/09780533A
; Publication No. US2003060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haeblerli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBH00.878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2088
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-2088

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 2.5e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1341 CAGAGATGCTGGAGC 1355
Db 1 CAGAGAUGGUGGAGC 15

RESULT 313
US-09-780-533A-2579
; Sequence 2579, Application US/09780533A
; Publication No. US2003060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haeblerli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBH00.878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2579
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-2579

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 2.5e+02;
```

```
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 342 AAAGGAGACATTCC 356
Db 3 AAAGGAGAAAAUCC 17

RESULT 314
US-09-780-533A-2701
; Sequence 2701, Application US/09780533A
; Publication No. US2003060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haeblerli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBH00.878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2701
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-2701

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 2.5e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1341 CAGAGATGCTGGAGC 1355
Db 2 CAGAGAUGGUGGAGC 16

RESULT 315
US-09-877-478-1954
; Sequence 1954, Application US/09877478
; Publication No. US2003068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1954
```

; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-1954

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 414 CAAGAAACACAGGCT 428
|||||
Db 1 CAAGCAAAACAGGCU 15

RESULT 316

US-09-740-332-1074/c
; Sequence 1074, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Level 1
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; PRIOR FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1074
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-1074

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 625 CGCTGGTCCAGGAC 639
|||||
Db 16 CGCTTGTCCAGGAC 2

RESULT 317

US-10-395-031-23/c
; Sequence 23, Application US/10395031
; Publication No. US20030235845A1
; GENERAL INFORMATION:
; APPLICANT: van Ommen, Garrit-Jan Boudewijn
; APPLICANT: van Deutekom, Judith Christina Theodora
; APPLICANT: den Dunnen, Johannes Theodorus
; TITLE OF INVENTION: INDUCTION OF EXON SKIPPING IN EUKARYOTIC CELLS
; FILE REFERENCE: 2183-5910US (REN/P54258US10)
; CURRENT APPLICATION NUMBER: US/10/395,031
; CURRENT FILING DATE: 2003-03-21
; PRIOR APPLICATION NUMBER: PCT/NL01/00697
; PRIOR FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: EP 002063283.7
; PRIOR FILING DATE: 2000-09-21
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 23
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Human
US-10-395-031-23

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 458 GGCTGATGGTG3GTG 472
|||||
Db 16 GGGTGATGGTG3GTG 2

RESULT 318

US-10-238-700-421/c
; Sequence 421, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level 1
; FILE REFERENCE: 400/057 (MBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-09-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 421
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-421

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1117 TTGATGAGCTATCCA 1131
|||||
Db 17 TTGTTGAGCTATCCA 3

RESULT 319

US-09-817-879-1074/c
; Sequence 1074, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Level 1
; FILE REFERENCE: MBH00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1074
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-1074

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 625 CGCTGGTCCAGGAC 639
|||||
Db 16 CGCTTGTCCAGGAC 2

RESULT 320

US-10-060-756A-164
; Sequence 164, Application US/10060756A

Publication No. US20030046717A1
GENERAL INFORMATION:
APPLICANT: Zhang, Jian
TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
FILE REFERENCE: PB0177
CURRENT APPLICATION NUMBER: US/10/060,756A
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/327,898
PRIOR FILING DATE: 2001-10-09
NUMBER OF SEQ ID NOS: 4804
SOFTWARE: Aecmica Sequence Listing Engine
SEQ ID NO 164
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-060-756A-164

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 745 CTCTTCACCGGCC 759
DB 3 CTCTGCACCGGCC 17

RESULT 321
US-10-060-756A-165
Sequence 165, Application US/10060756A
Publication No. US20030046717A1
GENERAL INFORMATION:
APPLICANT: Zhang, Jian
TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
FILE REFERENCE: PB0177
CURRENT APPLICATION NUMBER: US/10/060,756A
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/327,898
PRIOR FILING DATE: 2001-10-09
NUMBER OF SEQ ID NOS: 4804
SOFTWARE: Aecmica Sequence Listing Engine
SEQ ID NO 165
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-060-756A-165

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 745 CTCTTCACCGGCC 759
DB 2 CTCTGCACCGGCC 16

RESULT 322
US-10-060-756A-166
Sequence 166, Application US/10060756A
Publication No. US20030046717A1
GENERAL INFORMATION:
APPLICANT: Zhang, Jian
TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
FILE REFERENCE: PB0177
CURRENT APPLICATION NUMBER: US/10/060,756A
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/327,898
PRIOR FILING DATE: 2001-10-09
NUMBER OF SEQ ID NOS: 4804
SOFTWARE: Aecmica Sequence Listing Engine
SEQ ID NO 166
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-060-756A-166

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 745 CTCTTCACCGGCC 759
DB 1 CTCTGCACCGGCC 15

RESULT 323
US-10-060-756A-885/C
Sequence 885, Application US/10060756A
Publication No. US20030046717A1
GENERAL INFORMATION:
APPLICANT: Zhang, Jian
TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
FILE REFERENCE: PB0177
CURRENT APPLICATION NUMBER: US/10/060,756A
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
NUMBER OF SEQ ID NOS: 4804
SOFTWARE: Aecmica Sequence Listing Engine
SEQ ID NO 165
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-060-756A-165

; PRIOR APPLICATION NUMBER: PCT/US01/006663
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: US 09/864,761
 ; PRIOR FILING DATE: 2001-05-23
 ; PRIOR APPLICATION NUMBER: US 60/327,898
 ; PRIOR FILING DATE: 2001-10-09
 ; NUMBER OF SEQ ID NOS: 4804
 ; SOFTWARE: Acomica Sequence Listing Engine
 ; SEQ ID NO 885
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-060-756A-885

Query Match 0.8%; Score 13.4; DB 1; Length 17;
 Best Local Similarity 93.3%; Pred. No. 2.5e+02;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 71 CGGCTTGGGGGCAC 85
 |||||
 DB 17 CGGGTTGGGGGCAC 3

RESULT 324

US-10-060-756A-886/c
 ; Sequence 886, Application US/10060756A
 ; Publication No. US20030046717A1
 ; GENERAL INFORMATION:

; APPLICANT: Zhang, Jian
 ; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
 ; FILE REFERENCE: PB0177

; CURRENT APPLICATION NUMBER: US/10/060.756A
 ; CURRENT FILING DATE: 2002-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/006667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/006664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/006669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/006665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/006668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/006663
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: US 09/864,761
 ; PRIOR FILING DATE: 2001-05-23
 ; PRIOR APPLICATION NUMBER: US 60/327,898
 ; PRIOR FILING DATE: 2001-10-09
 ; NUMBER OF SEQ ID NOS: 4804
 ; SOFTWARE: Acomica Sequence Listing Engine
 ; SEQ ID NO 886
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens

US-10-060-756A-886

Query Match 0.8%; Score 13.4; DB 1; Length 17;
 Best Local Similarity 93.3%; Pred. No. 2.5e+02;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 71 CGGCTTGGGGGCAC 85
 |||||
 DB 16 CGGGTTGGGGGCAC 2

RESULT 325

US-10-060-756A-887/c
 ; Sequence 887, Application US/10060756A
 ; Publication No. US20030046717A1
 ; GENERAL INFORMATION:

; APPLICANT: Zhang, Jian
 ; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN

; FILE REFERENCE: PB0177
 ; CURRENT APPLICATION NUMBER: US/10/060.756A
 ; CURRENT FILING DATE: 2002-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/006667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/006664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/006669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/006665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/006668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/006663
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: US 09/864,761
 ; PRIOR FILING DATE: 2001-05-23
 ; PRIOR APPLICATION NUMBER: US 60/327,898
 ; PRIOR FILING DATE: 2001-10-09
 ; NUMBER OF SEQ ID NOS: 4804
 ; SOFTWARE: Acomica Sequence Listing Engine
 ; SEQ ID NO 887
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-060-756A-887

Query Match 0.8%; Score 13.4; DB 1; Length 17;
 Best Local Similarity 93.3%; Pred. No. 2.5e+02;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 71 CGGCTTGGGGGCAC 85
 |||||
 DB 15 CGGGTTGGGGGCAC 1

RESULT 326

US-10-060-998-916
 ; Sequence 916, Application US/10060998
 ; Publication No. US20030104530A1
 ; GENERAL INFORMATION:

; APPLICANT: Gu, Yizhong
 ; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
 ; FILE REFERENCE: PB0108

; CURRENT APPLICATION NUMBER: US/10/060.998
 ; CURRENT FILING DATE: 2002-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/006666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: US 09/864,761
 ; PRIOR FILING DATE: 2001-05-23
 ; PRIOR APPLICATION NUMBER: US 60/343,331
 ; PRIOR FILING DATE: 2001-12-21
 ; NUMBER OF SEQ ID NOS: 3056
 ; SOFTWARE: Acomica Sequence Listing Engine
 ; SEQ ID NO 916
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens

US-10-060-998-916

Query Match 0.8%; Score 13.4; DB 1; Length 17;
 Best Local Similarity 93.3%; Pred. No. 2.5e+02;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 175 ATTTCTCTGGGAATC 189
 |||||
 DB 3 AATTTCTCTGGGAATC 17

RESULT 327

US-10-060-998-917
 ; Sequence 917, Application US/10060998
 ; Publication No. US20030104530A1

```
/ GENERAL INFORMATION:
/ APPLICANT: Gu, Yizhong
/ TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
/ FILE REFERENCE: PB01108
/ CURRENT APPLICATION NUMBER: US/10/060,998
/ PRIOR FILING DATE: 2002-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 09/864,761
/ PRIOR FILING DATE: 2001-05-23
/ PRIOR APPLICATION NUMBER: US 60/343,331
/ PRIOR FILING DATE: 2001-12-21
/ NUMBER OF SEQ ID NOS: 3056
/ SOFTWARE: Aecmeca Sequence Listing Engine
/ SEQ ID NO 917
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-060-998-917

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 175 ATTTCTCTGGGAATC 189
Db 2 AATTCTCTGGGAATC 16

RESULT 328
US-10-060-998-918
/ Sequence 918, Application US/10060998
/ Publication No. US20030104530A1
/ GENERAL INFORMATION:
/ APPLICANT: Gu, Yizhong
/ TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
/ FILE REFERENCE: PB01108
/ CURRENT APPLICATION NUMBER: US/10/060,998
/ PRIOR FILING DATE: 2002-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 09/864,761
/ PRIOR FILING DATE: 2001-05-23
/ PRIOR APPLICATION NUMBER: US 60/343,331
/ PRIOR FILING DATE: 2001-12-21
/ NUMBER OF SEQ ID NOS: 3056
/ SOFTWARE: Aecmeca Sequence Listing Engine
/ SEQ ID NO 918
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-060-998-918

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 175 ATTTCTCTGGGAATC 189
Db 1 AATTCTCTGGGAATC 15

RESULT 329
US-10-163-552-625
/ Sequence 625, Application US/10163552
/ Publication No. US20030105051A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: MCSwiggan, Jim
/ TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
/ FILE REFERENCE: MBH01-1653-A (40C/014)
/ CURRENT APPLICATION NUMBER: US/10/163,552
```

```
/ CURRENT FILING DATE: 2002-06-06
/ NUMBER OF SEQ ID NOS: 1997
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 625
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-10-163-552-625

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 2.5e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1431 CCACGGGGATGAGCT 1445
Db 1 CCAAGGGGAUGAGCU 15

RESULT 330
US-10-282-958-23/c
/ Sequence 23, Application US/10282958
/ Publication No. US20030110519A1
/ GENERAL INFORMATION:
/ APPLICANT: Andrew D.J. Goodearl and Sandra Glucksmann
/ TITLE OF INVENTION: Muscarinic Receptors and Uses Therefor
/ NUMBER OF SEQUENCES: 39
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: LAHIVE & COCKFIELD, LLP
/ STREET: 28 State Street
/ CITY: Boston
/ STATE: Massachusetts
/ COUNTRY: USA
/ ZIP: 02109
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/10/282,958
/ FILING DATE: 28-Oct-2002
/ CLASSIFICATION: <Unknown>
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/09/349,755
/ FILING DATE: 08-Jul-1999
/ APPLICATION NUMBER: US/09/042,780
/ FILING DATE: <Unknown>
/ APPLICATION NUMBER: US 08/985,090
/ FILING DATE: 04-DEC-1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Elizabeth A. Hanley
/ REGISTRATION NUMBER: 33,505
/ REFERENCE/DOCKET NUMBER: MNI-032CP
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (617)227-7400
/ TELEFAX: (617)742-4214
/ INFORMATION FOR SEQ ID NO: 23:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
/ SEQUENCE DESCRIPTION: SEQ ID NO: 23:
US-10-282-958-23

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 765 TGAGAGTGGCGTGGC 779
Db 17 TGAGAGAGGCGGTGGC 3
```

```
RESULT 331
US-09-730-617-16/c
; Sequence 16, Application US/09730617
; Patent No. US20020068279A1
; GENERAL INFORMATION:
; APPLICANT: Burgess, Catherine E
; APPLICANT: Prayaga, Sudhirdas K
; APPLICANT: Shinkets, Richard A
; APPLICANT: Rastelli, Luca
; APPLICANT: Zernusen, Bryan D
; APPLICANT: Mezes, Peter S
; TITLE OF INVENTION: NO. US20020068279A1el Proteins and Nucleic Acids Encoding the Sam
; FILE REFERENCE: 15966-609
; CURRENT APPLICATION NUMBER: US/09/730,617
; CURRENT FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: 60/169,056
; PRIOR FILING DATE: 1999-12-06
; PRIOR APPLICATION NUMBER: 60/169,886
; PRIOR FILING DATE: 1999-12-09
; PRIOR APPLICATION NUMBER: 60/169,866
; PRIOR FILING DATE: 1999-12-09
; PRIOR APPLICATION NUMBER: 60/170,252
; PRIOR FILING DATE: 1999-12-10
; PRIOR APPLICATION NUMBER: 60/175,740
; PRIOR FILING DATE: 2000-01-12
; NUMBER OF SEQ ID NOS: 100
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 16
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-730-617-16
Query Match 0.8%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1558 AATGGGGAAGGCTG 1572
DB 18 AATGGGGAAGGCTG 4

RESULT 332
US-09-923-246-17/c
; Sequence 17, Application US/09923246
; Patent No. US20020128446A1
; GENERAL INFORMATION:
; APPLICANT: No. US20020128446A1ak, Julia E.
; APPLICANT: Presnell, Scott R.
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Foster, Donald C.
; APPLICANT: Holly, Richard D.
; APPLICANT: Gross, Jane A.
; APPLICANT: Johnston, Janet V.
; APPLICANT: Nelson, Andrew J.
; APPLICANT: Dillon, Stacey R.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
; FILE REFERENCE: 99-16
; CURRENT APPLICATION NUMBER: US/09/923,246
; CURRENT FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/522,217
; PRIOR FILING DATE: EARLIER FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,904
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/142,013
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-01
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 17
; LENGTH: 18

Query Match 0.8%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1558 AATGGGGAAGGCTG 1572
DB 18 AATGGGGAAGGCTG 4

RESULT 333
US-10-349-143-4504
; Sequence 4504, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US 60/082,614
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4504
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-1549 for SEQ 570,
US-10-349-143-4504
Query Match 0.8%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 800 AGAAGGTGATGTCA 814
DB 3 AGAAGGTGATGTCA 17

RESULT 334
US-10-349-143-5288
; Sequence 5288, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
```

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; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5288
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-23228 for SEQ 1354,
US-10-349-143-5288

Query Match          0.8%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1225 GCCACTGAGAAATAC 1239
      |||||
Db 1 GCCAGTGAGAAATAC 15

RESULT 335
US-10-243-072-34/c
; Sequence 34, Application US/10243072
; Publication No. US20030148447A1
; GENERAL INFORMATION:
; APPLICANT: Presnell, Scott R.
; APPLICANT: Conklin, Darrell C.
; APPLICANT: No. US20030148447A1ak, Julia E.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: CYTOKINE RECEPTOR ZAPLH11
; FILE REFERENCE: 98-55C1
; CURRENT APPLICATION NUMBER: US/10/243,072
; CURRENT FILING DATE: 2002-09-13
; PRIOR APPLICATION NUMBER: 09/628,127
; PRIOR FILING DATE: 2000-07-28
; PRIOR APPLICATION NUMBER: US 60/100,896
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: US 60/123,546
; PRIOR FILING DATE: 1999-03-09
; PRIOR APPLICATION NUMBER: US 60/142,574
; PRIOR FILING DATE: 1999-07-06
; PRIOR APPLICATION NUMBER: US 09/404,641
; PRIOR FILING DATE: 1999-09-23
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 34
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7736
US-10-243-072-34

Query Match          0.8%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 758 CCATTTCGAGAGTG 772
      |||||
Db 15 CCATTTCGACAGTG 1

RESULT 336
US-10-414-186-34/c
; Sequence 34, Application US/10414186
; Publication No. US20030175825A1
; GENERAL INFORMATION:
; APPLICANT: Presnell, Scott R.
; APPLICANT: Conklin, Darrell C.
; APPLICANT: No. US20030175825A1ak, Julia E.
; APPLICANT: Hammond, Angela K.
```

```
; TITLE OF INVENTION: CYTOKINE RECEPTOR ZAPLH11
; FILE REFERENCE: 98-55
; CURRENT APPLICATION NUMBER: US/10/414,186
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US/09/404,641
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/100,896
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,546
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-09
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/142,574
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-06
; NUMBER OF SEQ ID NOS: 91
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 34
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7736
US-10-414-186-34

Query Match          0.8%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 758 CCATTTCGAGAGTG 772
      |||||
Db 15 CCATTTCGACAGTG 1

RESULT 337
US-10-117-323-10/c
; Sequence 10, Application US/10117323
; Publication No. US20030054993A1
; GENERAL INFORMATION:
; APPLICANT: Rancourt, Derrick E.
; APPLICANT: O'Sullivan, Colleen M.
; TITLE OF INVENTION: Implantation Serine Proteinases
; FILE REFERENCE: 033337-005
; CURRENT APPLICATION NUMBER: US/10/117,323
; CURRENT FILING DATE: 2002-04-08
; PRIOR APPLICATION NUMBER: US 60/281,724
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/294,736
; PRIOR FILING DATE: 2001-05-30
; PRIOR APPLICATION NUMBER: US 60/350,962
; PRIOR FILING DATE: 2002-01-25
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-117-323-10

Query Match          0.8%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 671 CTGTGACCATCTTTG 685
      |||||
Db 17 CTGTGGCATCTTTG 3

RESULT 338
US-10-067-125-95
; Sequence 95, Application US/10067125
; Publication No. US20030055015A1
; GENERAL INFORMATION:
```

APPLICANT: Baker, Brenda F.
APPLICANT: Consort, Lex M.
APPLICANT: Monia, Brett P.
APPLICANT: Xu, Xiaoxing S.
TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION
FILE REFERENCE: ISPH-0321
CURRENT APPLICATION NUMBER: US/10/067,125
CURRENT FILING DATE: 2002-02-04
PRIOR APPLICATION NUMBER: 09/167,109
PRIOR FILING DATE: 1998-10-06
NUMBER OF SEQ ID NOS: 228
SEQ ID NO 95
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: antisense sequence
US-10-067-125-95

Query Match 0.8%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 63 TGCTTCGCGGCTTG 77
Db 1 TGCTTCGCGGCTTG 15

RESULT 339
US-10-295-723-17/c
Sequence 17, Application US/10295723
Publication No. US2003012524A1
GENERAL INFORMATION:
APPLICANT: No. US2003012524Alak, Julia E.
APPLICANT: Preenell, Scott R.
APPLICANT: Sprecher, Cindy A.
APPLICANT: Foster, Donald C.
APPLICANT: Holly, Richard D.
APPLICANT: Gross, Jane A.
APPLICANT: Johnston, Janet V.
APPLICANT: Nelson, Andrew J.
APPLICANT: Dillon, Stacey R.
APPLICANT: Hammond, Angela K.
TITLE OF INVENTION: NOVEL CYTOKINE ZALPHAL1 LIGAND
FILE REFERENCE: 99-16
CURRENT APPLICATION NUMBER: US/10/295,723
CURRENT FILING DATE: 2002-11-15
PRIOR APPLICATION NUMBER: 09/522,217
PRIOR FILING DATE: 2000-03-09
PRIOR APPLICATION NUMBER: US 60/123,547
PRIOR FILING DATE: 1999-03-09
PRIOR APPLICATION NUMBER: US 60/123,904
PRIOR FILING DATE: 1999-03-11
PRIOR APPLICATION NUMBER: US 60/142,013
PRIOR FILING DATE: 1999-07-01
NUMBER OF SEQ ID NOS: 115
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 17
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer ZC7736
US-10-295-723-17

Query Match 0.8%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 758 CCATTTCGAGAGTG 772
Db 15 CCATTTCGAGAGTG 1

RESULT 340
US-09-969-373-4343/c
Sequence 4343, Application US/09969373
Patent No. US2002013852A1
GENERAL INFORMATION:
APPLICANT: Eifert, Roger J.
APPLICANT: Hauge, Brian M.
TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
FILE REFERENCE: 38-10(52679)A
CURRENT APPLICATION NUMBER: US/09/969,373
CURRENT FILING DATE: 2001-10-02
PRIOR APPLICATION NUMBER: US 09/754,853
PRIOR FILING DATE: 2001-01-05
PRIOR APPLICATION NUMBER: US 09/760,427
PRIOR FILING DATE: 2001-01-13
PRIOR APPLICATION NUMBER: US 09/855,768
PRIOR FILING DATE: 2001-05-15
NUMBER OF SEQ ID NOS: 4593
SEQ ID NO 4343
LENGTH: 19
TYPE: DNA
ORGANISM: Glycine max
US-09-969-373-4343

Query Match 0.8%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 903 AGAGGAGCTCTTGA 917
Db 19 AGAGGAGCTCTTGA 5

RESULT 341
US-10-360-705-37/c
Sequence 37, Application US/10360705
Publication No. US20030215843A1
GENERAL INFORMATION:
APPLICANT: ASSISTANCE PUBLIQUE-HOPITAUX DE PARIS
APPLICANT: FOUFON, Raoul
APPLICANT: HERMELIN, Brigitte
APPLICANT: ROSMORDUC, Olivier
TITLE OF INVENTION: SCREENING OF A NOVEL HEPATIC SYNDROME AND ITS USES
FILE REFERENCE: 45636-5064
CURRENT APPLICATION NUMBER: US/10/360,705
CURRENT FILING DATE: 2003-02-10
PRIOR APPLICATION NUMBER: PCT/FR01/02553
PRIOR FILING DATE: 2001-08-06
NUMBER OF SEQ ID NOS: 66
SOFTWARE: PatentIn version 3.2
SEQ ID NO 37
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: MDR3-SENS14
US-10-360-705-37

Query Match 0.8%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 246 AACATGGAGCTTGT 260
Db 16 AACATGGAGCTTGT 2

RESULT 342
US-10-060-301-8/c
Sequence 8, Application US/10060301
Publication No. US2002018262A1
GENERAL INFORMATION:


```

; APPLICANT: NAKAMURA, Yusuke et al.
; TITLE OF INVENTION: A METHOD FOR SNP (SINGLE NUCLEOTIDE POLYMORPHISM) TYPING
; FILE REFERENCE: 1254-0195D
; CURRENT APPLICATION NUMBER: US/10/060,301
; CURRENT FILING DATE: 2002-02-01
; PRIOR APPLICATION NUMBER: 2001-25700
; PRIOR FILING DATE: 2001-02-01
; NUMBER OF SEQ ID NOS: 200
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Reverse Primer for SNP ID 4
US-10-060-301-8

Query Match          0.8%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      351 CATTCTCTCAAGCT 365
Db      18 CATTCTCTCAGCT 4

RESULT 343
US-09-875-338-53/c
; Sequence 53, Application US/09875338
; Patent No. US20020095024A1
; GENERAL INFORMATION:
; APPLICANT: MIKESSELL, GLEN E.
; APPLICANT: CHANG, HAN
; APPLICANT: FINGER, JOSHUA N.
; APPLICANT: YANG, GUCHEN
; APPLICANT: LU, PIN
; APPLICANT: ZHOU, XIA-DI
; APPLICANT: BEACH, ROBERT
; TITLE OF INVENTION: B7-RELATED NUCLEIC ACIDS AND POLYPEPTIDES USEFUL FOR
; TITLE OF INVENTION: IMMUNOMODULATION
; FILE REFERENCE: 3053-407IUS2
; CURRENT APPLICATION NUMBER: US/09/875,338
; CURRENT FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: 60/272,107
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: 60/209,811
; PRIOR FILING DATE: 2000-06-06
; NUMBER OF SEQ ID NOS: 94
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 53
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-875-338-53

Query Match          0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1716 AGAACACATAGAGCTGTG 1733
Db      18 AGATCAACACAGAGCTGTG 1

RESULT 344
US-09-350-206-24
; Sequence 24, Application US/09350206
; Patent No. US20020099199A1
; GENERAL INFORMATION:
; APPLICANT: Andrew D.J. Goodearl and Sandra Gluckeman

```

```

; TITLE OF INVENTION: Muscarinic Receptors and Uses Therefor
; NUMBER OF SEQUENCES: 39
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/350,206
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/042,780
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Elizabeth A. Hanley
; REGISTRATION NUMBER: 33,505
; REFERENCE/DOCKET NUMBER: XMI-032CP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)742-4214
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-09-350-206-24

Query Match          0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      237 GCCTGAGAACCATGGAG 254
Db      1 GCCTGCTGGCCATGGAG 18

RESULT 345
US-09-901-484A-390/c
; Sequence 390, Application US/09901484A
; Patent No. US20020119460A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: Prostate Cancer Gene
; FILE REFERENCE: GEN-T11XC3D2
; CURRENT APPLICATION NUMBER: US/09/901,484A
; CURRENT FILING DATE: 2001-07-09
; PRIOR APPLICATION NUMBER: US 08/996,306
; PRIOR FILING DATE: 1997-12-22
; PRIOR APPLICATION NUMBER: US 60/099,658
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: US 09/218,207
; PRIOR FILING DATE: 1998-12-22
; PRIOR APPLICATION NUMBER: US 09/338,907
; PRIOR FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: US 09/853,526
; PRIOR FILING DATE: 2001-05-11
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 390
; LENGTH: 18

```

```
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (1)..(18)
/ OTHER INFORMATION: downstream amplification primer for SEQ 202, SEQ 279, SEQ 203,
US-09-901-484A-390
Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3e+02; 3; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 0;
QY 801 GAAGAGGTGATGTCAGGCC 818
Db 18 GAACGTCAGTCATGCC 1
RESULT 346
US-09-969-373-2266
; Sequence 2266, Application US/09969373
; Patent No. US20020133852A1
; GENERAL INFORMATION:
; APPLICANT: Eifertz, Roger J.
; APPLICANT: Haughe, Brian M.
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; CURRENT FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 09/760,427
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/855,768
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 2266
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-2266
Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3e+02; 3; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 0;
QY 1669 TGGACCAACCTCTTTGCC 1686
Db 1 TGGACCAACCTCTTCACC 18
RESULT 347
US-09-969-373-3993/c
; Sequence 3993, Application US/09969373
; Patent No. US20020133852A1
; GENERAL INFORMATION:
; APPLICANT: Eifertz, Roger J.
; APPLICANT: Haughe, Brian M.
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; CURRENT FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 09/760,427
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/855,768
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 3993
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Glycine max
```

US-09-969-373-3993

```
Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3e+02; 3; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 0;
QY 858 CACCACCTCTGCTGTCAT 875
Db 18 CACCACCACTGCTACCAT 1
```

RESULT 348

```
US-09-918-186A-124/c
; Sequence 124, Application US/09918186A
; Patent No. US2002013708A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; APPLICANT: Eric E. Swayze
; APPLICANT: Lex M. Cowseert
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
; FILE REFERENCE: ISPH-0585
; CURRENT APPLICATION NUMBER: US/09/918,186A
; CURRENT FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 09/496,694
; PRIOR FILING DATE: 2000-02-02
; PRIOR APPLICATION NUMBER: 09/286,407
; PRIOR FILING DATE: 1999-04-05
; PRIOR APPLICATION NUMBER: 09/163,162
; PRIOR FILING DATE: 1998-09-29
; NUMBER OF SEQ ID NOS: 250
; SEQ ID NO 124
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-918-186A-124
```

Query Match

```
Best Local Similarity 0.8%; Score 13.2; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

QY 712 TCTGTTCTTGTGTTTGTCT 729

Db 18 TGTGCTCTGTTTGTCT 1

RESULT 349

```
US-09-853-526-390/c
; Sequence 390, Application US/09853526
; Patent No. US20020165345A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilyia, Chumakov
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: PROSTATE CANCER GENE
; FILE REFERENCE: GENSET 18CP1CP
; CURRENT APPLICATION NUMBER: US/09/853,526
; CURRENT FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: 09/338,907
; PRIOR FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: 08/996,306
; PRIOR FILING DATE: 1997-12-22
; PRIOR APPLICATION NUMBER: 60/099,658
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 09/218,207
; PRIOR FILING DATE: 1998-12-22
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 390
; LENGTH: 18
```

```
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer for SEQ 202, SEQ 279, SEQ 203, SE
US-09-853-526-390

Query Match          0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3e+02; 3; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 801 GAAAGGTGATGTCAGCC 818
Db 18 GAAACGTGAAGTCATGCC 1

RESULT 350
US-09-349-755-24
; Sequence 24, Application US/09349755
; Patent No. US20020166131A1
; GENERAL INFORMATION:
; APPLICANT: Andrew D.J. Goodearl and Sandra Glucksmar
; TITLE OF INVENTION: Muscarinic Receptors and Uses Therefor
; NUMBER OF SEQUENCES: 39
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION NUMBER: US/09/349,755
; FILING DATE: 08-Jul-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/042,780
; FILING DATE: <Unknown>
; APPLICATION NUMBER: US 08/985,090
; FILING DATE: 04-DEC-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Elizabeth A. Hanley
; REGISTRATION NUMBER: 33,505
; REFERENCE/DOCKET NUMBER: MNI-032CP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)742-4214
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 24:

US-09-349-755-24

Query Match          0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3e+02; 3; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 237 GCCTGCAGAACCATGGAG 254
Db 1 GCCTGCTGGCCATGGAG 18

RESULT 351
US-09-927-737-78/c
; Sequence 78, Application US/09927737
; Publication No. US20030082545A1
; GENERAL INFORMATION:
; APPLICANT: Barany, Francis
; APPLICANT: Luo, Jianying
; APPLICANT: Khanna, Marilyn
; APPLICANT: Bergstrom, Donald E.
; TITLE OF INVENTION: HIGH FIDELITY DETECTION OF NUCLEIC ACID DIFFERENCES BY
; FILE REFERENCE: 19603/457
; CURRENT APPLICATION NUMBER: US/09/927,737
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 08/891,292
; PRIOR FILING DATE: 1997-07-10
; NUMBER OF SEQ ID NOS: 96
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 78
; LENGTH: 18
```

```
US-09-166-334-24
; Sequence 24, Application US/09166334
; Patent No. US20020168708A1
; GENERAL INFORMATION:
; APPLICANT: Andrew D.J. Goodearl and Sandra Glucksmar
; TITLE OF INVENTION: Muscarinic Receptors and Uses Therefor
; NUMBER OF SEQUENCES: 39
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION NUMBER: US/09/166,334
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/042,780
; FILING DATE:
; APPLICATION NUMBER: US 08/985,090
; FILING DATE: 04-DEC-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Elizabeth A. Hanley
; REGISTRATION NUMBER: 33,505
; REFERENCE/DOCKET NUMBER: MNI-032CP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)742-4214
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 24:

US-09-166-334-24

Query Match          0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3e+02; 3; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 237 GCCTGCAGAACCATGGAG 254
Db 1 GCCTGCTGGCCATGGAG 18

RESULT 352
US-09-927-737-78/c
; Sequence 78, Application US/09927737
; Publication No. US20030082545A1
; GENERAL INFORMATION:
; APPLICANT: Barany, Francis
; APPLICANT: Luo, Jianying
; APPLICANT: Khanna, Marilyn
; APPLICANT: Bergstrom, Donald E.
; TITLE OF INVENTION: HIGH FIDELITY DETECTION OF NUCLEIC ACID DIFFERENCES BY
; FILE REFERENCE: 19603/457
; CURRENT APPLICATION NUMBER: US/09/927,737
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 08/891,292
; PRIOR FILING DATE: 1997-07-10
; NUMBER OF SEQ ID NOS: 96
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 78
; LENGTH: 18
```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer for
US-09-927-737-78
; OTHER INFORMATION: PCR or LDR

Query Match      0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1512 CATGCTGATGAATTCG 1529
Db 18 CATGCTGAGGAGTTCG 1

RESULT 353
US-10-108-260A-5058/c
; Sequence 5058, Application US/10108260A
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: HELIX RESEARCH INSTITUTE
; TITLE OF INVENTION: NO. US20040005584A1 full length cDNA
; FILE REFERENCE: H1-A0106
; CURRENT APPLICATION NUMBER: US/10/108,260A
; CURRENT FILING DATE: 2002-03-27
; NUMBER OF SEQ ID NOS: 5458
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5058
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: an artificially synthesized p
US-10-108-260A-5058

Query Match      0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1298 ATGTGATGTTGGTGTC 1315
Db 18 ATGTATGTTGGTGTC 1

RESULT 354
US-10-349-143-5253
; Sequence 5253, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5253
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-22785 for SEQ 1319,
US-10-349-143-5253

; OTHER INFORMATION: upstream amplification primer 99-22785 for SEQ 1319,
US-10-349-143-5253

Query Match      0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1402 GACATGAAACCCCAAGACG 1419
Db 1 GACATGAGAACTAAGACG 18

RESULT 356
US-10-349-143-9769/c
; Sequence 9769, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
```

; SEQ ID NO 9769

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Homo Sapiens

; FEATURE:

; NAME/KEY: primer_bind

; LOCATION: 1..18

; OTHER INFORMATION: downstream amplification primer 99-7218 for SEQ 1904, in complete

US-10-349-143-9769

Query Match

Best Local Similarity

Matches

15; Conservative

0; Mismatches

3; Indels

0; Gaps

0; Length 18;

DB 1

1614 GATTGGTCCACACCCA 1631

18 GAATAGTACCACACCCA 1

RESULT 357

US-10-361-208-289

; Sequence 289, Application US/10361208

; Publication No. US20040009167A1

; GENERAL INFORMATION:

; APPLICANT: Rider, Todd H.

; TITLE OF INVENTION: ANTI-PATHOGEN TREATMENTS

; FILE REFERENCE: 0050.2041-003

; CURRENT APPLICATION NUMBER: US/10/361,208

; CURRENT FILING DATE: 2003-02-07

; PRIOR APPLICATION NUMBER: US 60/355,359

; PRIOR FILING DATE: 2002-02-07

; PRIOR APPLICATION NUMBER: US 60/355,022

; PRIOR FILING DATE: 2002-02-07

; PRIOR APPLICATION NUMBER: US 60/432,386

; PRIOR FILING DATE: 2002-12-10

; NUMBER OF SEQ ID NOS: 473

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 289

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: primer

US-10-361-208-289

Query Match

Best Local Similarity

Matches

15; Conservative

0; Mismatches

3; Indels

0; Gaps

0; Length 18;

DB 1

1240 TTAGGAGGAGACGAC 1257

1 TTAGGAGAGAGACAC 18

RESULT 358

US-10-361-208-303

; Sequence 303, Application US/10361208

; Publication No. US20040009167A1

; GENERAL INFORMATION:

; APPLICANT: Rider, Todd H.

; TITLE OF INVENTION: ANTI-PATHOGEN TREATMENTS

; FILE REFERENCE: 0050.2041-003

; CURRENT APPLICATION NUMBER: US/10/361,208

; CURRENT FILING DATE: 2003-02-07

; PRIOR APPLICATION NUMBER: US 60/355,359

; PRIOR FILING DATE: 2002-02-07

; PRIOR APPLICATION NUMBER: US 60/355,022

; PRIOR FILING DATE: 2002-02-07

; PRIOR APPLICATION NUMBER: US 60/432,386

; PRIOR FILING DATE: 2002-12-10

; NUMBER OF SEQ ID NOS: 473

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 303

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: primer

US-10-361-208-303

Query Match

Best Local Similarity

Matches

15; Conservative

0; Mismatches

3; Indels

0; Gaps

0; Length 18;

DB 1

1240 TTAGGAGGAGACGAC 1257

1 TTAGGAGAGAGACAC 18

RESULT 359

US-10-361-208-317

; Sequence 317, Application US/10361208

; Publication No. US20040009167A1

; GENERAL INFORMATION:

; APPLICANT: Rider, Todd H.

; TITLE OF INVENTION: ANTI-PATHOGEN TREATMENTS

; FILE REFERENCE: 0050.2041-003

; CURRENT APPLICATION NUMBER: US/10/361,208

; CURRENT FILING DATE: 2003-02-07

; PRIOR APPLICATION NUMBER: US 60/355,359

; PRIOR FILING DATE: 2002-02-07

; PRIOR APPLICATION NUMBER: US 60/355,022

; PRIOR FILING DATE: 2002-02-07

; PRIOR APPLICATION NUMBER: US 60/432,386

; PRIOR FILING DATE: 2002-12-10

; NUMBER OF SEQ ID NOS: 473

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 317

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: primer

US-10-361-208-317

Query Match

Best Local Similarity

Matches

15; Conservative

0; Mismatches

3; Indels

0; Gaps

0; Length 18;

DB 1

1240 TTAGGAGGAGACGAC 1257

1 TTAGGAGAGAGACAC 18

RESULT 360

US-10-037-616-13

; Sequence 13, Application US/10037616

; Publication No. US20020123148A1

; GENERAL INFORMATION:

; APPLICANT: English, Denis

; APPLICANT: Kovacs, Richard J.

; APPLICANT: Rizzo, Maria T.

; APPLICANT: Silva, Daniel T.

; TITLE OF INVENTION: Sphingolipid Compositions and Methods for Their Therapeutic Use

; FILE REFERENCE: 7042-119

; CURRENT APPLICATION NUMBER: US/10/037,616

; CURRENT FILING DATE: 2002-04-19

; PRIOR APPLICATION NUMBER: US 60/243,887

; PRIOR FILING DATE: 2000-10-27

; NUMBER OF SEQ ID NOS: 27

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 13

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

```
; OTHER INFORMATION: Antisense oligonucleotide
US-10-037-616-13

Query Match      0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 493 CTGGCCCTTGTGCGCCAT 510
      ||||| ||||| |||||
Db 1 CTGCCCCATGATGACCAT 18

RESULT 361
US-10-077-023-53/c
; Sequence 53, Application US/10077023
; Publication No. US20030031675A1
; GENERAL INFORMATION:
; APPLICANT: MIKESSELL, GLEN E.
; APPLICANT: CHANG, HAN
; APPLICANT: FINGER, JOSHUA N.
; APPLICANT: YANG, GUCHEN
; APPLICANT: LU, PIN
; APPLICANT: ZHOU, XIA-DI
; APPLICANT: PEACH, ROBERT
; TITLE OF INVENTION: B7-RELATED NUCLEIC ACIDS AND POLYPEPTIDES USEFUL FOR
; TITLE OF INVENTION: IMMUNOMODULATION
; FILE REFERENCE: 3053-4071US3
; CURRENT APPLICATION NUMBER: US/10/077,023
; CURRENT FILING DATE: 2002-02-15
; PRIOR APPLICATION NUMBER: 60/272,107
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: 60/209,811
; PRIOR FILING DATE: 2000-06-06
; NUMBER OF SEQ ID NOS: 138
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 53
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-077-023-53

Query Match      0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1716 AGAACACATAGAGCTGTG 1733
      ||| ||||| |||||
Db 18 AGATCAACAGAGCTGTG 1

RESULT 362
US-10-068-160-19
; Sequence 19, Application US/10068160
; Publication No. US20030060440A1
; GENERAL INFORMATION:
; APPLICANT: THE GOVERNMENT OF THE UNITED STATES OF AMERICA, REPRESENTED BY THE
; APPLICANT: SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES
; APPLICANT: KLINMAN, Dennis
; APPLICANT: ISHII, Ken
; APPLICANT: VERHELDT, Daniela
; TITLE OF INVENTION: OLIGODEOXYNUCLEOTIDE AND ITS USE TO INDUCE AN IMMUNE RESPONSE
; FILE REFERENCE: 4239-61999
; CURRENT APPLICATION NUMBER: US/10/068,160
; CURRENT FILING DATE: 2002-02-06
; PRIOR APPLICATION NUMBER: 60/128,898
; PRIOR FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 120
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 19
; LENGTH: 18
; TYPE: DNA
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-10-068-160-19

Query Match      0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 442 TGGATCCACGAGGGGGG 459
      ||||| ||||| |||||
Db 1 TGCATCGACGCGGGGGG 18

RESULT 363
US-10-282-958-24
; Sequence 24, Application US/10282958
; Publication No. US20030110519A1
; GENERAL INFORMATION:
; APPLICANT: Andrew D.J. Goodearl and Sandra Glucksmann
; TITLE OF INVENTION: Muscarinic Receptors and Uses Therefor
; NUMBER OF SEQUENCES: 39
; CORRESPONDENCE ADDRESS:
; ADDRESSER: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/282,958
; FILING DATE: 28-Oct-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/349,755
; FILING DATE: 08-Jul-1999
; APPLICATION NUMBER: US/09/042,780
; FILING DATE: <Unknown>
; APPLICATION NUMBER: US 08/985,090
; FILING DATE: 04-DEC-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Elizabeth A. Hanley
; REGISTRATION NUMBER: 33,505
; REFERENCE/DOCKET NUMBER: MNI-032CP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)742-4214
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 24:
US-10-282-958-24

Query Match      0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 237 GCCTGCAGAACCATGGAG 254
      ||||| ||||| |||||
Db 1 GCCTGCTGGCCATGGAG 18

RESULT 364
US-10-234-764-2/c
```

; Sequence 2, Application US/10234764
; Publication No. US20030113769A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Lomberg, Harri
; APPLICANT: Salo, Harri
; APPLICANT: Virta, Pasi
; TITLE OF INVENTION: Aminoxy Functionalized Oligomers
; CURRENT APPLICATION NUMBER: US/10/234,764
; CURRENT FILING DATE: 2002-09-03
; PRIOR APPLICATION NUMBER: 09/016,520
; PRIOR FILING DATE: 1998-01-30
; PRIOR APPLICATION NUMBER: 09/344,260
; PRIOR FILING DATE: 1999-06-25
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-234-764-2

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3e+02; 3; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 1296 AGATGTGATGTTTGGTGT 1313
||||| |||||
Db 18 AGATATCATCTTGGTGT 1

RESULT 365
US-10-440-850-50
; Sequence 50, Application US/10440850
; Publication No. US20030207837A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Immune Responses
; FILE REFERENCE: 250/130 (MSHB00-900-A)
; CURRENT APPLICATION NUMBER: US/10/440,850
; CURRENT FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: US/09/650,012
; PRIOR FILING DATE: 2000-08-28
; PRIOR APPLICATION NUMBER: US 08/585,684
; PRIOR FILING DATE: 1996-01-12
; PRIOR APPLICATION NUMBER: US 60/000,951
; PRIOR FILING DATE: 1995-07-07
; PRIOR APPLICATION NUMBER: US 09/038,073
; PRIOR FILING DATE: 1998-03-11
; NUMBER OF SEQ ID NOS: 2285
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 50
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-440-850-50

Query Match 0.8%; Score 13; DB 1; Length 15;
Best Local Similarity 53.8%; Pred. No. 2.4e+02;
Matches 7; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 781 CTCATCTCTGTC 793
|:|:|:|:|:|:|
Db 2 CUCACUCUGUUC 14

RESULT 366
US-10-058-422-15/c
; Sequence 15, Application US/10058422
; Publication No. US20030108881A1
; GENERAL INFORMATION:
; APPLICANT: Hyeoung Lee, Hye Eun Bang, Sang-Nae Cho, Gill-Han Bai,
; APPLICANT: Sang-Jae Kim
; TITLE OF INVENTION: A method for identifying *Mycobacteria tuberculosis* and
; TITLE OF INVENTION: non-tuberculosis *Mycobacteria*, together with detecting resista
; TITLE OF INVENTION: to an antituberculosis drug of *Mycobacteria* obtained by mutati
; TITLE OF INVENTION: of *xpoB* gene
; FILE REFERENCE: 0217-0008
; CURRENT APPLICATION NUMBER: US/10/058,422
; CURRENT FILING DATE: 2002-01-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: KopatentIn 1.71
; SEQ ID NO 15
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligomer probe for *M. ulcerans*
US-10-058-422-15

Query Match 0.8%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 486 TGATGGCTGGCC 498
|||||
Db 13 TGATGGCTGGCC 1

RESULT 367
US-10-331-873-46
; Sequence 46, Application US/10331873
; Publication No. US20030129641A1
; GENERAL INFORMATION:
; APPLICANT: YANO, Hideo
; APPLICANT: NISHIDA, Michio
; APPLICANT: SUZUKI, Osamu
; TITLE OF INVENTION: METHOD FOR DETERMINING BIOSPECIES CONTAINED IN
; TITLE OF INVENTION: TEST SPECIMEN AND KIT USED FOR THE SAME
; FILE REFERENCE: OPL414
; CURRENT APPLICATION NUMBER: US/10/331,873
; CURRENT FILING DATE: 2002-12-27
; PRIOR APPLICATION NUMBER: JP 2001-396943
; PRIOR FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: PatentIn Ver. 3.0
; SEQ ID NO 46
; LENGTH: 16
; TYPE: DNA
; ORGANISM: *Sus scrofa*
; FEATURE:
; OTHER INFORMATION: capture
US-10-331-873-46

Query Match 0.8%; Score 13; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1394 TCTCATCAGACAT 1406
|||||
Db 2 TCTCATCAGACAT 14

RESULT 368
US-09-866-108-1172
; Sequence 1172, Application US/09866108
; Patent No. US2002004800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong

```
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Aecomica Sequence Listing Engine
/ SEQ ID NO 1172
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108-1172

Query Match 0.8%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1647 GAAGGACAAAGAA 1659
Db 5 GAAGGACAAAGAA 17

RESULT 369
US-09-866-108-1177
/ Sequence 1177, Application US/09866108
/ Patent No. US20020048800A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ CURRENT FILING DATE: 2001-05-25
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/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Aecomica Sequence Listing Engine
/ SEQ ID NO 1177
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108-1177

Query Match 0.8%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1648 AAGGACAAAGAA 1660
Db 1 AAGGACAAAGAA 13

RESULT 370
US-09-866-108-6523
/ Sequence 6523, Application US/09866108
/ Patent No. US20020048800A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ CURRENT FILING DATE: 2001-01-30
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; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 6523
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-6523

Query Match 0.8%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 229 CCACCGCAGCCTG 241
| | | | | | | | | | | | | | | | | | | | |
Db 2 CCACCGCAGCCTG 14

RESULT 371
US-09-866-108-6524
; Sequence 6524, Application US/09866108
; Patent No. US20020048900A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 6524
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-6524

Query Match 0.8%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 229 CCACCGCAGCCTG 241
| | | | | | | | | | | | | | | | | | | | |
Db 1 CCACCGCAGCCTG 13

RESULT 372
US-09-866-108-7182
; Sequence 7182, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05

; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 7182
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7182

Query Match 0.8%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 402 TGCTGACTTGACC 414
|||||
Db 5 TGCTGACTTGACC 17

RESULT 373
US-09-866-108-7183
; Sequence 7183, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 7183
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7183

Query Match 0.8%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;

Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 402 TGCTGACTTGACC 414
|||||
Db 4 TGCTGACTTGACC 16

RESULT 374
US-09-866-108-7184
; Sequence 7184, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 7184
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7184

Query Match 0.8%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 402 TGCTGACTTGACC 414
|||||
Db 3 TGCTGACTTGACC 15

RESULT 375
US-09-866-108-7185
; Sequence 7185, Application US/09866108

```

; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aemica Sequence Listing Engine
; SEQ ID NO 7185
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7186

Query Match 0.8%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 402 TGTGACTTGACC 414
Db 2 TGTGACTTGACC 14

RESULT 376
US-09-866-108-7186
; Sequence 7186, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

```

```

; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aemica Sequence Listing Engine
; SEQ ID NO 7186
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7186

Query Match 0.8%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 402 TGTGACTTGACC 414
Db 1 TGTGACTTGACC 13

RESULT 377
US-09-818-875-4010
; Sequence 4010, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4

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; SEQ ID NO 4010
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-4010

Query Match      0.8%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 36 CCGTGCCTTTATC 48
| | | | | | | | | | | | | | | | |
Db 5 CCGTGCCTTTATC 17

RESULT 378
US-09-818-875-4011/c
; Sequence 4011, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gampier, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 4011
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-4011

Query Match      0.8%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 36 CCGTGCCTTTATC 48
| | | | | | | | | | | | | | | | |
Db 13 CCGTGCCTTTATC 1

RESULT 379
US-09-780-533A-1736
; Sequence 1736, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBH00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1736
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-2282
; Sequence 2282, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBH00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2282
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-2282

Query Match      0.8%; Score 13; DB 1; Length 17;
Best Local Similarity 69.2%; Pred. No. 2.9e+02;
Matches 9; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 669 CTCTGTGACCATC 681
| : | : | : | : | : | : | : | : | : |
Db 5 CUCUGUGACCAUC 17

RESULT 380
US-09-780-533A-2025
; Sequence 2025, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBH00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2025
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-2025

Query Match      0.8%; Score 13; DB 1; Length 17;
Best Local Similarity 69.2%; Pred. No. 2.9e+02;
Matches 9; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 669 CTCTGTGACCATC 681
| : | : | : | : | : | : | : | : | : |
Db 5 CUCUGUGACCAUC 17

RESULT 381
US-09-780-533A-2282
; Sequence 2282, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBH00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2282
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-2282

Query Match      0.8%; Score 13; DB 1; Length 17;
Best Local Similarity 69.2%; Pred. No. 2.9e+02;
Matches 9; Conservative 4; Mismatches 0; Indels 0; Gaps 0;
```

QY 669 CTCGTGACCATC 681
|:|:|:|:|:|:|:
Db 2 CUCUGUGACCAUC 14

RESULT 382
US-09-848-754A-317/c
; Sequence 317, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
; FILE REFERENCE: MEH800-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 317
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-317

Query Match 0.8%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1102 TTGATTCCAATGC 1114
|:|:|:|:|:|:|:
Db 17 TTGATTCCAATGC 5

RESULT 383
US-09-848-754A-2904/c
; Sequence 2904, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
; FILE REFERENCE: MEH800-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2904
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-2904

Query Match 0.8%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1102 TTGATTCCAATGC 1114
|:|:|:|:|:|:|:
Db 13 TTGATTCCAATGC 1

RESULT 384
US-09-848-754A-3489/c
; Sequence 3489, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
; FILE REFERENCE: MEH800-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03

; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3489
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-3489

Query Match 0.8%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1102 TTGATTCCAATGC 1114
|:|:|:|:|:|:|:
Db 16 TTGATTCCAATGC 4

RESULT 385
US-09-848-754A-3490/c
; Sequence 3490, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
; FILE REFERENCE: MEH800-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3490
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-3490

Query Match 0.8%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1102 TTGATTCCAATGC 1114
|:|:|:|:|:|:|:
Db 15 TTGATTCCAATGC 3

RESULT 386
US-10-338-777-128/c
; Sequence 128, Application US/10338777
; Publication No. US20030188343A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: United States Department of Agriculture
; APPLICANT: Bowen, Benjamin A
; APPLICANT: Haudenschild, Christian D
; APPLICANT: Buckler, Edward S
; TITLE OF INVENTION: Identification of Genes Associated with Growth in Plants
; FILE REFERENCE: 37-000510US
; CURRENT APPLICATION NUMBER: US/10/338,777
; CURRENT FILING DATE: 2003-01-07
; NUMBER OF SEQ ID NOS: 405
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 128
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
US-10-338-777-128

Query Match 0.8%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 289 TGCACCCCAATGC 301
|:|:|:|:|:|:|:

Db 13 TGCACCAAGATC 1

RESULT 387

US-10-209-787-4010
; Sequence 4010, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 4010
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-4010

Query Match 0.8%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 36 CCGTGCCTTTATC 48
|||||
Db 5 CCGTGCCTTTATC 17

RESULT 388

US-10-209-787-4011/c
; Sequence 4011, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 4011
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-4011

Query Match 0.8%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 36 CCGTGCCTTTATC 48
|||||
Db 13 CCGTGCCTTTATC 1

RESULT 389

US-10-060-998-919
; Sequence 919, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 919
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-919

Query Match 0.8%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 177 TTTCCTGGGAATC 189
|||||
Db 2 TTTCCTGGGAATC 14

RESULT 390

US-10-060-998-920
; Sequence 920, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 920
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-920

Query Match 0.8%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 177 TTTCCTGGGAATC 189
|||||

Publication No. US20040002473A1
; GENERAL INFORMATION:
; APPLICANT: KURRECK, Jens
; APPLICANT: ERDMANN, Volker A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES AGAINST VR1
; FILE REFERENCE: 029310.521420S
; CURRENT APPLICATION NUMBER: US/10/376,341
; CURRENT FILING DATE: 2003-03-03
; PRIOR APPLICATION NUMBER: PCT/EP01/10081
; PRIOR FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: 100 43 674.9
; PRIOR FILING DATE: 2000-09-02
; PRIOR APPLICATION NUMBER: 100 43 702.8
; PRIOR FILING DATE: 2000-09-04
; NUMBER OF SEQ ID NOS: 248
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 52
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-376-341-52

Query Match 0.7%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 2.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1255 GACACTGTCAAAAAGA 1270
DB 16 GAGACTGTCAACAAGA 1

RESULT 399
US-10-108-164-64
; Sequence 64, Application US/10108164
; Publication No. US20030104356A1
; GENERAL INFORMATION:
; APPLICANT: Berger, Shelley L.
; APPLICANT: Fraser, Nigel W.
; APPLICANT: Tal-Singer, Ruth
; APPLICANT: Leary, Jeffrey J.
; TITLE OF INVENTION: Compounds And Methods For Treating And
; FILE OF INVENTION: Screening Viral Reactivation
; FILE REFERENCE: P50682C1
; CURRENT APPLICATION NUMBER: US/10/108,164
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: 09/424,348
; PRIOR FILING DATE: 1999-07-01
; PRIOR APPLICATION NUMBER: PCT/US88/13733
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/051,633
; PRIOR FILING DATE: 1997-07-03
; PRIOR APPLICATION NUMBER: 60/054,515
; PRIOR FILING DATE: 1997-08-01
; PRIOR APPLICATION NUMBER: 60/080,352
; PRIOR FILING DATE: 1998-04-01
; NUMBER OF SEQ ID NOS: 145
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 64
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Herpes simplex virus
US-10-108-164-64

Query Match 0.7%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 2.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 18 GCCCTTCACAGTGTGG 33
DB 1 GCCCTTCACACTTGTGG 16

RESULT 400

US-09-866-108-1333/c
; Sequence 1333, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1333
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-1333

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 937 TTCTTATCTCTGGACT 952
DB 17 TTCTTATCCAGGACT 2

RESULT 401
US-09-866-108-1334/c
; Sequence 1334, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 1334
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-1334

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 937 TTCTTATCTCTGACT 952
Db 16 TTCTTATCCCGAGCT 1

RESULT 402
US-09-866-108-2497
Sequence 2497, Application US/09866108
Patent No. US2002004800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
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PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 2497
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-2497

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 602 ACCTGCACCGTGGC 617
Db 2 ACCTGCACCGTGGC 17

RESULT 403
US-09-866-108-2498
Sequence 2498, Application US/09866108
Patent No. US2002004800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665

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/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Aecomica Sequence Listing Engine
/ SEQ ID NO 2498
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108-2498
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Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY 602 ACCTGCACCAAGTGGC 617
      ||||| ||||| |||||
Db 1 ACCTGCACCAAGTGGC 16
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RESULT 404

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US-09-866-108-6225
/ Sequence 6225, Application US/09866108
/ Patent No. US20020048800A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
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/ PRIOR FILING DATE: 2001-01-30
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/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
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/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Aecomica Sequence Listing Engine
/ SEQ ID NO 6225
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108-6225
```

```
Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY 1258 ACTGTCAAAAAGAAAG 1273
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Db 2 ACAGTCAAAAAGAGAG 17
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RESULT 405

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US-09-866-108-6226
/ Sequence 6226, Application US/09866108
/ Patent No. US20020048800A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Aecomica Sequence Listing Engine
/ SEQ ID NO 6226
/ LENGTH: 17
/ TYPE: DNA
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DD 2 GCGAAGCGTGGCTCCCTG 17

; APPLICANT: PENN, Sharron

; APPLICANT: PENN, SHARRON

APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 6750
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-6750

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1689 GAAGGCAGTGGAGAAG 1704
|||||
DB 2 GAAGGCCGTGGAGAG 17

RESULT 409
US-09-866-108-6752
Sequence 6752, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 6752
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-6752

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1690 AAGGCAGTGGAGAAGC 1705
|||||
DB 1 AAGGCCGTGGAGGAGC 16

RESULT 410
US-09-866-108-7575/c
Sequence 7575, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30

;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
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;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00662
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00661
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00670
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: US 60/234,687
;; PRIOR FILING DATE: 2000-09-21
;; PRIOR APPLICATION NUMBER: US 60/266,860
;; PRIOR FILING DATE: 2001-02-05
;; SOFTWARE: Aecomica Sequence Listing Engine
;; SEQ ID NO 7575
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108-7575

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1114 CAGTTGATGAGCTATC 1129
|||||
Db 17 CAGTTGATGAGCTATC 2

RESULT 411

US-09-866-108-7576/c
;; Sequence 7576, Application US/09866108
;; Patent No. US20020048800A1
;; GENERAL INFORMATION:
;; APPLICANT: GU, Yizhong
;; APPLICANT: JI, Yonggang
;; APPLICANT: PENN, Sharron G.
;; APPLICANT: HANZEL, David K.
;; APPLICANT: RANK, David R.
;; APPLICANT: CHEN, Wensheng
;; APPLICANT: SHANNON, Mark
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
;; FILE REFERENCE: AEOMICA-7
;; CURRENT APPLICATION NUMBER: US/09/866,108
;; PRIOR FILING DATE: 2001-05-25
;; PRIOR APPLICATION NUMBER: US 60/207,456
;; PRIOR FILING DATE: 2000-05-26
;; PRIOR APPLICATION NUMBER: GB 24263.6
;; PRIOR FILING DATE: 2000-10-04
;; PRIOR APPLICATION NUMBER: US 60/236,359
;; PRIOR FILING DATE: 2000-09-27
;; PRIOR APPLICATION NUMBER: PCT/US01/00666
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00662
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00670
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00662
;; PRIOR FILING DATE: 2001-01-30

;; PRIOR APPLICATION NUMBER: PCT/US01/00661
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00670
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: US 60/234,687
;; PRIOR FILING DATE: 2000-09-21
;; PRIOR APPLICATION NUMBER: US 60/266,860
;; PRIOR FILING DATE: 2001-02-05
;; SOFTWARE: Aecomica Sequence Listing Engine
;; SEQ ID NO 7576
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108-7576

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1114 CAGTTGATGAGCTATC 1129
|||||
Db 16 CAGTTGATGAGCTATC 1

RESULT 412

US-09-866-108-8311
;; Sequence 8311, Application US/09866108
;; Patent No. US20020048800A1
;; GENERAL INFORMATION:
;; APPLICANT: GU, Yizhong
;; APPLICANT: JI, Yonggang
;; APPLICANT: PENN, Sharron G.
;; APPLICANT: HANZEL, David K.
;; APPLICANT: RANK, David R.
;; APPLICANT: CHEN, Wensheng
;; APPLICANT: SHANNON, Mark
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
;; FILE REFERENCE: AEOMICA-7
;; CURRENT APPLICATION NUMBER: US/09/866,108
;; PRIOR FILING DATE: 2001-05-25
;; PRIOR APPLICATION NUMBER: US 60/207,456
;; PRIOR FILING DATE: 2000-05-26
;; PRIOR APPLICATION NUMBER: GB 24263.6
;; PRIOR FILING DATE: 2000-10-04
;; PRIOR APPLICATION NUMBER: US 60/236,359
;; PRIOR FILING DATE: 2000-09-27
;; PRIOR APPLICATION NUMBER: PCT/US01/00666
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00662
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00661
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00670
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2000-09-21
;; PRIOR APPLICATION NUMBER: US 60/234,687
;; PRIOR FILING DATE: 2001-02-05
;; SOFTWARE: Aecomica Sequence Listing Engine
;; SEQ ID NO 15752

;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00662
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00661
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00670
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/0067
;; PRIOR FILING DATE: 2000-09-21
;; PRIOR APPLICATION NUMBER: US 60/234,687
;; PRIOR FILING DATE: 2000-09-21
;; PRIOR APPLICATION NUMBER: US 60/266,860
;; PRIOR FILING DATE: 2001-02-05
;; NUMBER OF SEQ ID NOS: 15752
;; SOFTWARE: Aecomica Sequence Listing Engine
;; SEQ ID NO 9108
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108-9108

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 228 TCACCGCAGCCTGCA 243
DB 16 TCACGCGCAGCCTGCA 1

RESULT 418
US-09-953-342-16/c
;; Sequence 16, Application US/09953342
;; Patent No. US20020106735A1
;; GENERAL INFORMATION:
;; APPLICANT: Scoriilas, Andreas
;; TITLE OF INVENTION: NOVEL BCL-2 RELATED PROLINE RICH PROTEIN (BPR)
;; FILE REFERENCE: 11757.52US01
;; CURRENT APPLICATION NUMBER: US/09/953,342
;; CURRENT FILING DATE: 2001-09-14
;; PRIOR APPLICATION NUMBER: US 60/233,026
;; PRIOR FILING DATE: 2000-09-15
;; NUMBER OF SEQ ID NOS: 30
;; SOFTWARE: PatentIn version 3.1
;; SEQ ID NO 16
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Segments
US-09-953-342-16

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1081 AACAGCAGGAGTTG 1096
DB 16 AGCAAGCAGGAGTATG 1

RESULT 419
US-09-872-462-159/c
;; Sequence 159, Application US/09872462

;; Patent No. US20020169295A1
;; GENERAL INFORMATION:
;; APPLICANT: Gu, Yizhong
;; APPLICANT: Corrigan, Amy
;; TITLE OF INVENTION: HUMAN NEDD1
;; FILE REFERENCE: AECOMICA-9
;; CURRENT APPLICATION NUMBER: US/09/872,462
;; CURRENT FILING DATE: 2001-06-01
;; PRIOR APPLICATION NUMBER: US 60/236,359
;; PRIOR FILING DATE: 2000-09-27
;; PRIOR APPLICATION NUMBER: PCT/US01/00661
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00662
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00666
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00670
;; PRIOR FILING DATE: 2001-01-30
;; NUMBER OF SEQ ID NOS: 473
;; SOFTWARE: Aecomica Sequence Listing Engine
;; SEQ ID NO 159
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-872-462-159

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1397 CATCAGCATGAAC 1412
DB 17 CATCAGCATGAATC 2

RESULT 420
US-09-872-462-160/c
;; Sequence 160, Application US/09872462
;; Patent No. US20020169295A1
;; GENERAL INFORMATION:
;; APPLICANT: Gu, Yizhong
;; APPLICANT: Corrigan, Amy
;; TITLE OF INVENTION: HUMAN NEDD1
;; FILE REFERENCE: AECOMICA-9
;; CURRENT APPLICATION NUMBER: US/09/872,462
;; CURRENT FILING DATE: 2001-06-01
;; PRIOR APPLICATION NUMBER: US 60/236,359
;; PRIOR FILING DATE: 2000-09-27
;; PRIOR APPLICATION NUMBER: PCT/US01/00661
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00662
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00666
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00667

;/ PRIOR FILING DATE: 2001-01-30
;/ PRIOR APPLICATION NUMBER: PCT/US01/00668
;/ PRIOR FILING DATE: 2001-01-30
;/ PRIOR APPLICATION NUMBER: PCT/US01/00669
;/ PRIOR FILING DATE: 2001-01-30
;/ PRIOR APPLICATION NUMBER: PCT/US01/00670
;/ PRIOR FILING DATE: 2001-01-30
;/ NUMBER OF SEQ ID NOS: 473
;/ SOFTWARE: Aeomica Sequence Listing Engine
;/ SEQ ID NO 160
;/ LENGTH: 17
;/ TYPE: DNA
;/ ORGANISM: Homo sapiens
;/ US-09-872-462-160

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1397 CATCAGCATGAACC 1412
||||| |||||
Db 16 CATCAGGCARGAATC 1

RESULT 421
US-09-825-805-422
;/ Sequence 422, Application US/09825805
;/ Publication No. US20030004122A1
;/ GENERAL INFORMATION:
;/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
;/ APPLICANT: Beigelman, Leo
;/ APPLICANT: Beaudry, Amber
;/ APPLICANT: Karpeisky, Alex
;/ APPLICANT: Adamic, Jasenka Matulic
;/ APPLICANT: Sweedler, Dave
;/ APPLICANT: Zinnen, Shawn
;/ TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
;/ FILE REFERENCE: MEHB00-831-F (400/009)
;/ CURRENT APPLICATION NUMBER: US/09/825,805
;/ CURRENT FILING DATE: 2001-09-27
;/ PRIOR APPLICATION NUMBER: 09/578,223
;/ PRIOR FILING DATE: 2000-05-23
;/ PRIOR APPLICATION NUMBER: 09/476,387
;/ PRIOR FILING DATE: 1999-12-30
;/ PRIOR APPLICATION NUMBER: 09/301,511
;/ PRIOR FILING DATE: 1998-11-04
;/ PRIOR APPLICATION NUMBER: 60/083,727
;/ PRIOR FILING DATE: 1998-04-29
;/ PRIOR APPLICATION NUMBER: 60/064,866
;/ NUMBER OF SEQ ID NOS: 1558
;/ SOFTWARE: PatentIn version 3.0
;/ SEQ ID NO 422
;/ LENGTH: 17
;/ TYPE: RNA
;/ ORGANISM: Homo sapiens
;/ US-09-825-805-422

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3.2e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1565 AAGGGTGCCCACTG 1580
||||| |||||
Db 2 AAGGGCUGCCCGCCG 17

RESULT 422
US-09-825-805-609

;/ Sequence 609, Application US/09825805
;/ Publication No. US20030004122A1
;/ GENERAL INFORMATION:
;/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
;/ APPLICANT: Beigelman, Leo
;/ APPLICANT: Beaudry, Amber
;/ APPLICANT: Karpeisky, Alex
;/ APPLICANT: Adamic, Jasenka Matulic
;/ APPLICANT: Sweedler, Dave
;/ APPLICANT: Zinnen, Shawn
;/ TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucle
;/ FILE REFERENCE: MEHB00-831-F (400/009)
;/ CURRENT APPLICATION NUMBER: US/09/825,805
;/ CURRENT FILING DATE: 2001-09-27
;/ PRIOR APPLICATION NUMBER: 09/578,223
;/ PRIOR FILING DATE: 2000-05-23
;/ PRIOR APPLICATION NUMBER: 09/476,387
;/ PRIOR FILING DATE: 1999-12-30
;/ PRIOR APPLICATION NUMBER: 09/474,432
;/ PRIOR FILING DATE: 1999-12-29
;/ PRIOR APPLICATION NUMBER: 09/301,511
;/ PRIOR FILING DATE: 1999-04-28
;/ PRIOR APPLICATION NUMBER: 09/186,675
;/ PRIOR FILING DATE: 1998-11-04
;/ PRIOR APPLICATION NUMBER: 60/083,727
;/ PRIOR FILING DATE: 1998-04-29
;/ PRIOR APPLICATION NUMBER: 60/064,866
;/ NUMBER OF SEQ ID NOS: 1558
;/ SOFTWARE: PatentIn version 3.0
;/ SEQ ID NO 609
;/ LENGTH: 17
;/ TYPE: RNA
;/ ORGANISM: Homo sapiens
;/ US-09-825-805-609

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 3.2e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 855 AACCCACCTCTGCT 870
||||| |||||
Db 1 AACCCACGTCUCUCU 16

RESULT 423
US-09-961-077-190
;/ Sequence 190, Application US/09961077
;/ Publication No. US20030014775A1
;/ GENERAL INFORMATION:
;/ APPLICANT: Zwick, Michael G.
;/ Edington, Brent E.
;/ McSwiggen, James A.
;/ Merlo, Patricia Ann Owens
;/ Guo, Lining
;/ Skokut, Thomas A.
;/ Young, Scott A.
;/ Folkerts, Otto
;/ Merlo, Donald J.
;/ TITLE OF INVENTION: COMPOSITION AND METHODS FOR
MODULATION OF GENE EXPRESSION
IN PLANTS
;/ NUMBER OF SEQUENCES: 1263
;/ CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2056
;/ COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

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/
/
/ storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/961,077
/ FILING DATE: 21-Sep-2001
/ CLASSIFICATION: <Unknown>
/
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/679,645
/ FILING DATE: July 12, 1996
/ APPLICATION NUMBER: 60/001,135
/ FILING DATE: July 13, 1995
/ APPLICATION NUMBER: 08/300,726
/ FILING DATE: September 2, 1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 219/247
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/
/ INFORMATION FOR SEQ ID NO: 190:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ SEQUENCE DESCRIPTION: SEQ ID NO: 190:
US-09-961-077-190

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 3.2e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1438 GATGAGCTCTTCCG 1453
DB 1 GAGGAGCUCAUCCCG 16

RESULT 424
US-09-961-077-190/c
/ Sequence 190, Application US/09961077
/ Publication No. US20030014775A1
/ GENERAL INFORMATION:
/ APPLICANT: Zwick, Michael G.
/ Edington, Brent E.
/ McSwiggen, James A.
/ Merlo, Patricia Ann Owens
/ Guo, Lining
/ Skokut, Thomas A.
/ Young, Scott A.
/ Folkerts, Otto
/ Merlo, Donald J.
/
/ TITLE OF INVENTION: COMPOSITION AND METHODS FOR
/ MODULATION OF GENE EXPRESSION
/ IN PLANTS
/
/ NUMBER OF SEQUENCES: 1263
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ storage
/
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/961,077
/ FILING DATE: 21-Sep-2001
/ CLASSIFICATION: <Unknown>

/
/
/ storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/961,077
/ FILING DATE: 21-Sep-2001
/ CLASSIFICATION: <Unknown>
/
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/679,645
/ FILING DATE: July 12, 1996
/ APPLICATION NUMBER: 60/001,135
/ FILING DATE: July 13, 1995
/ APPLICATION NUMBER: 08/300,726
/ FILING DATE: September 2, 1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 219/247
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/
/ INFORMATION FOR SEQ ID NO: 190:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ SEQUENCE DESCRIPTION: SEQ ID NO: 190:
US-09-961-077-190

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 3.2e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1438 GATGAGCTCTTCTTC 1449
DB 16 CGGAGATGAGCTCTTC 1

RESULT 425
US-09-961-077-697
/ Sequence 697, Application US/09961077
/ Publication No. US20030014775A1
/ GENERAL INFORMATION:
/ APPLICANT: Zwick, Michael G.
/ Edington, Brent E.
/ McSwiggen, James A.
/ Merlo, Patricia Ann Owens
/ Guo, Lining
/ Skokut, Thomas A.
/ Young, Scott A.
/ Folkerts, Otto
/ Merlo, Donald J.
/
/ TITLE OF INVENTION: COMPOSITION AND METHODS FOR
/ MODULATION OF GENE EXPRESSION
/ IN PLANTS
/
/ NUMBER OF SEQUENCES: 1263
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ storage
/
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/961,077
/ FILING DATE: 21-Sep-2001
/ CLASSIFICATION: <Unknown>
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/679,645
FILING DATE: July 12, 1996
APPLICATION NUMBER: 60/001,135
FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 219/247
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 697:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 697:
US-09-961-077-697

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3.2e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1637 CCCAGAACGCTGAAGGA 1652
|||||
Db 1 CCCAGCAUCGGAAGGA 16

RESULT 426
US-09-961-077-720/c
Sequence 720, Application US/09961077
Publication No. US20030014775A1
GENERAL INFORMATION:
APPLICANT: Zwick, Michael G.
Edington, Brent E.
McSwiggen, James A.
Merio, Patricia Ann Owens
Guo, Lining
Skokut, Thomas A.
Young, Scott A.
Folkerts, Otto
Merio, Donald J.
TITLE OF INVENTION: COMPOSITION AND METHODS FOR
MODULATION OF GENE EXPRESSION
IN PLANTS
NUMBER OF SEQUENCES: 1263
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/961,077
FILING DATE: 21-Sep-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/679,645
FILING DATE: July 12, 1996
APPLICATION NUMBER: 60/001,135

FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 219/247
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 720:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 720:
US-09-961-077-720

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 818 CCTTGCTGAGCAAAAT 833
|||||
Db 17 CCTTGAGGAGCAAAAT 2

RESULT 427
US-09-730-289B-214/c
Sequence 214, Application US/09730289B
Publication No. US20030050259A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Method and Reagent for Treatment of Cardiac Disease
FILE REFERENCE: MBH00-864-A (400/306)
CURRENT APPLICATION NUMBER: US/09/730,289B
CURRENT FILING DATE: 2000-12-05
PRIOR APPLICATION NUMBER: US 60/169,100
PRIOR FILING DATE: 1999-12-06
NUMBER OF SEQ ID NOS: 3897
SOFTWARE: PatentIn version 3.0
SEQ ID NO 214
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-730-289B-214

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1290 GATACAGATGTGATG 1305
|||||
Db 16 GATAACAGATGTGAGG 1

RESULT 428
US-09-818-875-819
Sequence 819, Application US/09818875
Publication No. US20030051270A1
GENERAL INFORMATION:
APPLICANT: Kniec, Eric B.
APPLICANT: Camber Howard B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
FILE REFERENCE: Napro-4
CURRENT APPLICATION NUMBER: US/09/818,875
CURRENT FILING DATE: 2001-03-27

; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 819
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-819

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 531 CATTCAATATCGCCTG 546
|||||
Db 1 CATTCAATGTCACCTG 16

RESULT 429

US-09-818-875-820/c
; Sequence 820, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 820
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-820

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 531 CATTCAATATCGCCTG 546
|||||
Db 17 CATTCAATGTCACCTG 2

RESULT 430

US-09-818-875-1047/c
; Sequence 1047, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4

; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 1047
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-1047

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 407 ACTTGACCAAGAAAA 422
|||||
Db 16 ACTTGACCAAGACATA 1

RESULT 431

US-09-818-875-1048
; Sequence 1048, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 1048
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-1048

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 407 ACTTGACCAAGAAAA 422
|||||
Db 2 ACTTGACCAAGACATA 17

RESULT 432

US-09-780-533A-492/c
; Sequence 492, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry

; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowirra, Bharat
; APPLICANT: Haeblerli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBH00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 492
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-492

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1464 CCCATTTTAAAGAG 1479
|||||||
Db 17 CCCATTTTAAAGAG 2

RESULT 432

US-09-780-533A-1093
; Sequence 1093, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowirra, Bharat
; APPLICANT: Haeblerli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBH00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1093
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-1093

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3.2e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1219 CCAGAGCCACTGAGA 1234
|||||||
Db 1 CCAGAGCCACTGAGA 16

RESULT 434

US-09-780-533A-2240
; Sequence 2240, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowirra, Bharat
; APPLICANT: Haeblerli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBH00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09

; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2240
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-2240

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 3.2e+02;
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 344 AGGAGACATTCCTCT 359
|||||||
Db 1 AGGAGAAAAUUCUUU 16

RESULT 435

US-09-877-478-48/c
; Sequence 48, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 48
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-48

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1276 CTGTTCTGGACTTGA 1291
|||||||
Db 17 CTGTTCTGGACTTGA 2

RESULT 436

US-09-877-478-72/c
; Sequence 72, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth

; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US 09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 72
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-73

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1261 GTCAAAAAGAAAGACC 1276
|||||
DB 17 GTCAACAAGAAAACC 2

RESULT 437
US-09-877-478-73/c
; Sequence 73, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US 09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 73

; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-73

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1260 TGTCAAAAAGAAAGAC 1275
|||||
DB 16 TGTCAACAAGAAAAC 1

RESULT 438
US-09-877-478-315/c
; Sequence 315, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US 09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 315
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-315

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 842 CTGCTGGGTGCAAAAC 857
|||||
DB 16 CTGCTGGCAAGCAAAAC 1

RESULT 439
US-09-877-478-399/c
; Sequence 399, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)

Query Match
Best Local Similarity 0.7%; Score 12.8; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1010 TGCTGCTGAACACC 1025
DB 17 TGCTGCTGAACACC 2

RESULT 440
US-09-877-478-400/c
; Sequence 400, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MEH00-845-H (400/029)
; CURRENT FILING DATE: 2001-12-31
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 399
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-399

Query Match
Best Local Similarity 0.7%; Score 12.8; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1010 TGCTGCTGAACACC 1025
DB 17 TGCTGCTGAACACC 2

RESULT 440
US-09-877-478-400/c
; Sequence 400, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MEH00-845-H (400/029)
; CURRENT FILING DATE: 2001-12-31
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 400
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-400

Query Match
Best Local Similarity 0.7%; Score 12.8; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1010 TGCTGCTGAACACC 1025
DB 16 TGCTGCTGAACACC 1

RESULT 441
US-09-877-478-726/c
; Sequence 726, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MEH00-845-H (400/029)
; CURRENT FILING DATE: 2001-12-31
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 726
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-726

Query Match
Best Local Similarity 0.7%; Score 12.8; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1276 CTGTTCTGCTGACTTGA 1291
DB 16 CTGTTCTGCTGACTTGA 1

RESULT 442
US-09-877-478-1006
; Sequence 1006, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MEH00-845-H (400/029)
; CURRENT FILING DATE: 2001-12-31
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 400
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-1006

1 PRIOR FILING DATE: 2000-03-20
2 PRIOR APPLICATION NUMBER: US 09/636,385
3 PRIOR FILING DATE: 2000-08-09
4 PRIOR APPLICATION NUMBER: US 09/696,347
5 PRIOR FILING DATE: 2000-10-24
6 PRIOR APPLICATION NUMBER: US 08/193,627
7 PRIOR FILING DATE: 1994-02-07
8 PRIOR APPLICATION NUMBER: US 08/433,993
9 PRIOR FILING DATE: 1995-05-04
10 PRIOR APPLICATION NUMBER: US 08/434,504
11 PRIOR FILING DATE: 1995-05-04
12 PRIOR APPLICATION NUMBER: US 09/436,430
13 PRIOR FILING DATE: 1999-11-08
14 NUMBER OF SEQ ID NOS: 6586
15 SOFTWARE: PatentIn version 3.0
16 SEQ ID NO 1006
17 LENGTH: 17
18 TYPE: RNA
19 ORGANISM: Hepatitis B virus
20 US-09-877-478-1006

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 43.8%; Pred. No. 3.2e+02;
Matches 7; Conservative 7; Mismatches 2; Indels 0; Gaps 0;

Qy 1183 TCCTATCCCTTGT 1198
Db 2 UCCUAGCCGUGUUU 17

RESULT 443
US-09-877-478-1008/c
; Sequence 1008, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MEH800-845-H (400/029)
; CURRENT APPLICATION NUMBER: US 09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1008
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-1008

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 842 CTGCTGGTGCAAAAC 857

Db 17 CTGCTGGAGAAAAAC 2
RESULT 444
US-09-877-478-1393/c
; Sequence 1393, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MEH800-845-H (400/029)
; CURRENT APPLICATION NUMBER: US 09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1393
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-1393

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1554 CCCCATTGGGAGGG 1569
Db 17 CCCCATTGGGAGGG 2

RESULT 445
US-09-877-478-1394/c
; Sequence 1394, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MEH800-845-H (400/029)
; CURRENT APPLICATION NUMBER: US 09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24

US-09-848-754A-1519
; Sequence 1519, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relating to Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 1519
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-1519

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1554 CCCCAATGGGAAGG 1569
Db 16 CCCCAATGGGAAGG 1

RESULT 446

US-09-877-478-1498
; Sequence 1498, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Kenneth
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 1498
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-1498

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 43.8%; Pred. No. 3.2e+02;
Matches 7; Conservative 7; Mismatches 2; Indels 0; Gaps 0;

QY 1183 TCCTATCCCTGTTT 1198
Db 1 UCCUAGCCGCGUUGU 16

RESULT 447

US-09-848-754A-2924/c
; Sequence 2924, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relating to Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 2924
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-2924

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 3.2e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 841 ACTGCTGGGTGCAAAA 856
Db 1 ACUGCUGGUGCGGNA 16

RESULT 449

US-09-848-754A-2924/c
; Sequence 2924, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relating to Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 2924
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-2924

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 3.2e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 841 ACTGCTGGGTGCAAAA 856
Db 1 ACUGCUGGUGCGGNA 16

```
Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 754 CGGGCCATTTTGAGA 769
Db 16 CGGGCCATTTTGAGA 1

RESULT 450
US-09-848-754A-3408
; Sequence 3408, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MEHB00-958-I (400/018)
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 3408
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-3408

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3.2e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1694 CAGTGAGAGGCCACC 1709
Db 2 CAGUGGAGAGGCCUCC 17

RESULT 451
US-09-848-754A-3469
; Sequence 3469, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MEHB00-958-I (400/018)
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 3469
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-3469

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 3.2e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1010 TGCTGCTGAAACACC 1025
Db 2 UACUGGUGAAACACC 17

RESULT 452
US-09-848-754A-3476
; Sequence 3476, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
```

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; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MEHB00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 3476
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-3476

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 3.2e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 841 ACTGCTGGTGCAAAA 856
Db 2 ACUCUGGUGCGGAA 17

RESULT 453
US-09-093-972C-766
; Sequence 766, Application US/09093972C
; Publication No. US20030087845A1
; GENERAL INFORMATION:
; APPLICANT: Nyce, Jonathan W.
; TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION
; & TREATMENT OF DISEASES & CONDITIONS ASSOCIATED WITH
; BRONCHOCONSTRICTION, ALLERGY (IES) & INFLAMMATION
; NUMBER OF SEQUENCES: 996
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
; STREET: 7 Clarke Drive
; CITY: Cranbury
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 08512
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/093,972C
; FILING DATE: 09-Jun-1998
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/472,527
; FILING DATE: 7-June-1995
; APPLICATION NUMBER: US 08/757,024
; FILING DATE: 26-11-1996
; APPLICATION NUMBER: US 08/472,527
; FILING DATE: 7-June-1995
; APPLICATION NUMBER: US 09/016,464
; FILING DATE: 30-January-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Amzel, Viviana
; REGISTRATION NUMBER: 30,930
; REFERENCE/DOCKET NUMBER: EPI-006672
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-409-3035
; TELEFAX: 413-254-9245
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 766:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 766:
US-09-093-972C-766
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Query Match 0.7% Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 70 GC3GCTTGGGGGCAC 85
||||| ||||| |||||
DB 2 GC3GCATGGGGGCAC 17

RESULT 454
US-09-093-972C-797
; Sequence 797, Application US/09093972C
; Publication No. US20030087845A1
; GENERAL INFORMATION:
; APPLICANT: Nyce, Jonathan W.
; TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION
; & TREATMENT OF DISEASES & CONDITIONS ASSOCIATED WITH
; BRONCHOCONSTRICTION, ALLERGY(IES) & INFLAMMATION
; NUMBER OF SEQUENCES: 996
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
; STREET: 7 Clarke Drive
; CITY: Cranbury
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 08512
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/093,972C
; FILING DATE: 09-Jun-1998
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/472,527
; FILING DATE: 7-June-1995
; APPLICATION NUMBER: US 08/757,024
; FILING DATE: 26-11-1996
; APPLICATION NUMBER: US 08/472,527
; FILING DATE: 7-June-1995
; APPLICATION NUMBER: US 09/016,464
; FILING DATE: 30-January-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Anzel, Viviana
; REGISTRATION NUMBER: 30,930
; REFERENCE/DOCKET NUMBER: EPI-00672
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-409-3035
; TELEFAX: 413-254-9245
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 797:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (Genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 797:
US-09-093-972C-797

Query Match 0.7% Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 71 CGGCTTGGGGGCACA 86
||||| ||||| |||||
DB 1 CGGCATGGGGGCACA 16

RESULT 455

US-09-776-474-140/c
; Sequence 140, Application US/09776474
; Publication No. US20030087847A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Bocher, Robert
; APPLICANT: Holman, Patricia
; APPLICANT: Fattaev, Ali
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (C
; FILE REFERENCE: MBH00-955-A (400/008)
; CURRENT APPLICATION NUMBER: US/09/776,474
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,983
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 2992
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 140
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-776-474-140
Query Match 0.7% Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1305 GTTGGTGTCCTCT 1320
||||| ||||| |||||
DB 17 GTTGTGTGACACT 2

RESULT 456
US-09-776-474-171/c
; Sequence 171, Application US/09776474
; Publication No. US20030087847A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Bocher, Robert
; APPLICANT: Holman, Patricia
; APPLICANT: Fattaev, Ali
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (C
; FILE REFERENCE: MBH00-955-A (400/008)
; CURRENT APPLICATION NUMBER: US/09/776,474
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,983
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 2992
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 171
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-776-474-171
Query Match 0.7% Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1266 AAGGAAGACCTGTC 1281
||||| ||||| |||||
DB 16 AAGGAAGACCTGTC 1

RESULT 457

US-09-776-474-173/c
; Sequence 173, Application US/09776474
; Publication No. US20030087847A1
; GENERAL INFORMATION: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Booher, Robert
; APPLICANT: Holman, Patricia
; APPLICANT: Pattaeay, Ali
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK)
; FILE REFERENCE: MEHB00-955-A (400/008)
; CURRENT APPLICATION NUMBER: US/09/776,474
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,983
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 2992
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 173
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-776-474-173

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1263 CAAAGAAGACCTG 1278
DB 16 CATAGGAAGACCTG 1

RESULT 458

US-09-776-474-539/c
; Sequence 539, Application US/09776474
; Publication No. US20030087847A1
; GENERAL INFORMATION: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Booher, Robert
; APPLICANT: Holman, Patricia
; APPLICANT: Pattaeay, Ali
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK)
; FILE REFERENCE: MEHB00-955-A (400/008)
; CURRENT APPLICATION NUMBER: US/09/776,474
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,983
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 2992
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 539
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-776-474-539

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1264 AAAAGAAGACCTGT 1279
DB 17 ATAAGGAAGACCTGT 2

RESULT 459

US-09-930-423-444
; Sequence 444, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MEHB00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 444
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-444

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 3.2e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 619 GCCCTGCGCTGGGTCC 634
DB 2 GCCCUGCCUGGCCUCC 17

RESULT 460

US-09-930-423-445
; Sequence 445, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MEHB00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 445
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-445

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 3.2e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 619 GCCCTGCGCTGGGTCC 634
DB 1 GCCCUGCCUGGCCUCC 16

RESULT 461

US-09-930-423-470
; Sequence 470, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MEHB00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0

```
; SEQ ID NO 470
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-470

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3.2e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 68 CCGCGGCTTGGGGGC 83
Db 2 CAGCGGCGCGGGGGC 17

RESULT 462
US-09-930-423-471
; Sequence 471, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MBH00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 471
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-471

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3.2e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 68 CCGCGGCTTGGGGGC 83
Db 1 CAGCGGCGCGGGGGC 16

RESULT 463
US-09-930-423-590
; Sequence 590, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MBH00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 590
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-590

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 3.2e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 490 GGGTGGCCCTTGCTG 505
Db 1 GGGCGGCGCGGCGG 16

RESULT 464
US-09-930-423-1085
; Sequence 1085, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MBH00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1085
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-1085

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 3.2e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 882 CTGCTCTGGCAGAG 897
Db 1 CUGCCUGGCCAGCAG 16

RESULT 465
US-09-930-423-1526
; Sequence 1526, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MBH00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1526
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-1526

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3.2e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 70 GCGGCTTGGGGGC 85
Db 2 GCGGCGCGGGGGC 17

RESULT 466
US-09-930-423-1527
; Sequence 1527, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MBH00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1527
```

```
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-1527

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3.2e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 70 GCGGCTTGGGGCGAC 85
      |||||:|||||
Db 1 GCGGCTTGGGGCGC 16

RESULT 467
US-09-780-164-98/c
; Sequence 98, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 98
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-98

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1466 CATTTTTAAAGAGG 1481
      |||||:|||||
Db 17 CATTTTTAAAGATG 2

RESULT 468
US-09-780-164-100/c
; Sequence 100, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 100
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-100

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1465 CCATTTTAAAGAGG 1480
      |||||:|||||
```

```
Db 16 CCATTTTAAAAAATG 1

RESULT 469
US-09-780-164-534
; Sequence 534, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 534
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-534

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 3.2e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 917 AGACGACATTGAAAT 932
      |||:|||||:
Db 2 AGAAGACAUGAAAUU 17

RESULT 470
US-09-780-164-1040
; Sequence 1040, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1040
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-1040

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 3.2e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 914 TGGAGACGACATTGAA 929
      :|||||:|||||
Db 2 UGAAGACAUGAA 17

RESULT 471
US-09-827-395A-505/c
; Sequence 505, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
```

```
; APPLICANT: Bharat Chowrira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor C
; FILE REFERENCE: MBH00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 505
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-505

Query Match      0.7%  Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1684 GCCAAGAGGCGAGTGG 1699
Db 17 GCCCAGACGGCAGTGG 2

RESULT 472
US-09-827-395A-766/c
; Sequence 766, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowrira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor C
; FILE REFERENCE: MBH00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 766
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-766

Query Match      0.7%  Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1684 GCCAAGAGGCGAGTGG 1699
Db 16 GCCCAGACGGCAGTGG 1

RESULT 473
US-09-827-395A-656/c
; Sequence 656, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
```

```
; SEQ ID NO 656
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-656

Query Match      0.7%  Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1629 CCAGGCGCCCGCAGAG 1644
Db 17 CCAGGCGACACAGAAG 2

RESULT 474
US-09-740-332-1976
; Sequence 1976, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1976
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-1976

Query Match      0.7%  Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 3.2e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 18 GCCCTTCACGATGTGG 33
Db 2 GCCCUUACGACGUGG 17

RESULT 475
US-09-740-332-2217/c
; Sequence 2217, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2217
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-2217
```


Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 610 CAGGTGGTGCCTGC 625
|||
Db 16 CAGGTGGCGCCCTCC 1

RESULT 476

US-09-740-332-2579/c
; Sequence 2579, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2579
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-2579

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 18 GCCTTCAGGATGG 33
|||
Db 17 GCCCTTACGAGTGG 2

RESULT 477

US-09-740-332-3797
; Sequence 3797, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3797
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-3797

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 3.2e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 236 AGCTGCAGAACCATG 251
|||
Db 1 AGCCUGGAGCACCAG 16

RESULT 478

US-09-740-332-3899
; Sequence 3899, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3899
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-3899

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1629 CCAGCGCGCCGAG 1644
|||
Db 2 CCAGCGCAGCAGAG 17

RESULT 479

US-10-376-341-54/c
; Sequence 54, Application US/10376341
; Publication No. US20040002473A1
; GENERAL INFORMATION:
; APPLICANT: KURRECK, Jens
; APPLICANT: ERDMANN, Volker A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES AGAINST VRI
; FILE REFERENCE: 029310.52142US
; CURRENT APPLICATION NUMBER: US/10/376,341
; CURRENT FILING DATE: 2003-03-03
; PRIOR APPLICATION NUMBER: PCT/EP01/10081
; PRIOR FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: 100 43 674.9
; PRIOR FILING DATE: 2000-09-02
; PRIOR APPLICATION NUMBER: 100 43 702.8
; PRIOR FILING DATE: 2000-09-04
; NUMBER OF SEQ ID NOS: 248
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 54
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-376-341-54

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1255 GACACTGTCAAAAGA 1270
|||
Db 16 GAGACTGTCAACAAGA 1

RESULT 480

US-10-376-341-55/c
; Sequence 55, Application US/10376341
; Publication No. US20040002473A1
; GENERAL INFORMATION:
; APPLICANT: KURRECK, Jens

```
; APPLICANT: ERDMANN, Volker A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES AGAINST VRI
; FILE REFERENCE: 029310.42142US
; CURRENT APPLICATION NUMBER: US/10/376,341
; CURRENT FILING DATE: 2003-03-03
; PRIOR APPLICATION NUMBER: PCT/EP01/10081
; PRIOR FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: 100 43 674.9
; PRIOR FILING DATE: 2000-09-02
; PRIOR APPLICATION NUMBER: 100 43 702.8
; PRIOR FILING DATE: 2000-09-04
; NUMBER OF SEQ ID NOS: 248
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 55
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-376-341-55

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1255 GACACTGTCACACAGA 1270
Db 17 GAGACTGTCAACACAGA 2

RESULT 481
US-09-745-237A-444
; Sequence 444, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBH00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 444
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-444

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 3.2e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 619 GCCCTGCGCTGGGTCC 634
Db 2 GCCCUGCCCGGCUCC 17

RESULT 482
US-09-745-237A-445
; Sequence 445, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBH00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 445
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-445

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 3.2e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 619 GCCCTGCGCTGGGTCC 634
Db 2 GCCCUGCCCGGCUCC 17

RESULT 483
US-09-745-237A-470
; Sequence 470, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBH00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 470
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-470

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3.2e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 68 CCGCGCGCTGGGGGC 83
Db 2 CAGCGGCCCGGGGGC 17

RESULT 484
US-09-745-237A-471
; Sequence 471, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBH00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 471
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-471

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3.2e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 68 CCGCGCGCTGGGGGC 83
Db 1 CAGCGGCCCGGGGGC 16

RESULT 485
US-09-745-237A-590
```

```
; Sequence 590, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MEHB00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 590
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-590

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 3.2e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 490 GGGCTGGCCCTTGCTG 505
Db 1 GGGCUGGCCUAGCUG 16

RESULT 486
US-09-745-237A-1085
; Sequence 1085, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MEHB00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1085
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-1085

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 3.2e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 882 CTGCTGGCAGACAGAG 897
Db 1 CUGCCUGCCAGCAG 16

RESULT 487
US-09-745-237A-1526
; Sequence 1526, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MEHB00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1526
; LENGTH: 17
; TYPE: RNA
```

```
; ORGANISM: Homo sapiens
US-09-745-237A-1526

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3.2e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 70 GCGGCTTGGGGGGCAC 85
Db 2 GCGGCCUGGGGGGCGC 17

RESULT 488
US-09-745-237A-1527
; Sequence 1527, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MEHB00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1527
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-1527

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3.2e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 70 GCGGCTTGGGGGGCAC 85
Db 1 GCGGCCUGGGGGGCGC 16

RESULT 489
US-09-792-818-771/c
; Sequence 771, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: McSwiggen, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Ins
; TITLE OF INVENTION: (GRID) Gene
; FILE REFERENCE: MEHB00-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 2304
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 771
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-792-818-771

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1519 ATGAATTCCTGGGCCA 1534
Db 17 ATGAATTCCTGGGCCA 2
```

RESULT 490

US-09-792-818-780/c
; Sequence 780, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: McSwiggen, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Insertion
; FILE REFERENCE: MBH00-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 2304
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 780
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-792-818-780

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1673 CCAACCTCTTTGCCAA 1688
DB 17 CCAACCTCTTTGCCCA 2

RESULT 491

US-09-792-818-781/c
; Sequence 781, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: McSwiggen, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Insertion
; FILE REFERENCE: MBH00-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 2304
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 781
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-792-818-781

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1673 CCAACCTCTTTGCCAA 1688
DB 16 CCAACCTCTTTGCCCA 1

RESULT 492

US-10-238-700-2879
; Sequence 2879, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Levodopa
; FILE REFERENCE: 400/057 (MBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 2879
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-2879

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 3.2e+02;
Matches 8; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 355 CCTCTCAAGCTTCTG 370
DB 1 CUUCCACGCUUCUG 16

RESULT 493

US-10-238-700-3140/c
; Sequence 3140, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Levodopa
; FILE REFERENCE: 400/057 (MBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 3140
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-3140

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 64 GCTTCGGCGCTTGGG 79
DB 16 GCTTCGGCAGCTTGTG 1

RESULT 494

US-10-061-201-1063
; Sequence 1063, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shanon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664

1 PRIOR FILING DATE: 2001-01-30
1 PRIOR APPLICATION NUMBER: PCT/US01/00669
1 PRIOR FILING DATE: 2001-01-30
1 PRIOR APPLICATION NUMBER: PCT/US01/00665
1 PRIOR FILING DATE: 2001-01-30
1 PRIOR APPLICATION NUMBER: PCT/US01/00668
1 PRIOR FILING DATE: 2001-01-30
1 PRIOR APPLICATION NUMBER: PCT/US01/00663
1 PRIOR FILING DATE: 2001-01-30
1 PRIOR APPLICATION NUMBER: PCT/US01/00670
1 PRIOR FILING DATE: 2001-01-30
1 PRIOR APPLICATION NUMBER: US 09/864,761
1 PRIOR FILING DATE: 2001-05-23
1 PRIOR APPLICATION NUMBER: US 60/328,205
1 PRIOR FILING DATE: 2001-10-10
1 NUMBER OF SEQ ID NOS: 4162
1 SOFTWARE: Acomica Sequence Listing Engine
1 SEQ ID NO 1063
1 LENGTH: 17
1 TYPE: DNA
1 ORGANISM: Homo sapiens
US-10-061-201-1063

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1270 AAAGACCTGTCCTGG 1285
DB 2 AAAAACCTGTCCTGG 17

RESULT 495
US-10-061-201-1064
1 Sequence 1064, Application US/10061201
1 Publication No. US20030166229A1
1 GENERAL INFORMATION:
1 APPLICANT: Shannon, Mark
1 TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
1 FILE REFERENCE: PB0178
1 CURRENT APPLICATION NUMBER: US/10/061,201
1 PRIOR FILING DATE: 2002-01-30
1 PRIOR APPLICATION NUMBER: PCT/US01/00666
1 PRIOR FILING DATE: 2001-01-30
1 PRIOR APPLICATION NUMBER: PCT/US01/00667
1 PRIOR FILING DATE: 2001-01-30
1 PRIOR APPLICATION NUMBER: PCT/US01/00664
1 PRIOR FILING DATE: 2001-01-30
1 PRIOR APPLICATION NUMBER: PCT/US01/00669
1 PRIOR FILING DATE: 2001-01-30
1 PRIOR APPLICATION NUMBER: PCT/US01/00665
1 PRIOR FILING DATE: 2001-01-30
1 PRIOR APPLICATION NUMBER: PCT/US01/00668
1 PRIOR FILING DATE: 2001-01-30
1 PRIOR APPLICATION NUMBER: PCT/US01/00663
1 PRIOR FILING DATE: 2001-01-30
1 PRIOR APPLICATION NUMBER: PCT/US01/00670
1 PRIOR FILING DATE: 2001-01-30
1 PRIOR APPLICATION NUMBER: US 09/864,761
1 PRIOR FILING DATE: 2001-05-23
1 PRIOR APPLICATION NUMBER: US 60/328,205
1 PRIOR FILING DATE: 2001-10-10
1 NUMBER OF SEQ ID NOS: 4162
1 SOFTWARE: Acomica Sequence Listing Engine
1 SEQ ID NO 1064
1 LENGTH: 17
1 TYPE: DNA
1 ORGANISM: Homo sapiens
US-10-061-201-1064

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1270 AAAGACCTGTCCTGG 1285
DB 1 AAAAACCTGTCCTGG 16

RESULT 496
US-10-061-201-1822/c
1 Sequence 1822, Application US/10061201
1 Publication No. US20030166229A1
1 GENERAL INFORMATION:
1 APPLICANT: Shannon, Mark
1 TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
1 FILE REFERENCE: PB0178
1 CURRENT APPLICATION NUMBER: US/10/061,201
1 PRIOR FILING DATE: 2002-01-30
1 PRIOR APPLICATION NUMBER: PCT/US01/00666
1 PRIOR FILING DATE: 2001-01-30
1 PRIOR APPLICATION NUMBER: PCT/US01/00667
1 PRIOR FILING DATE: 2001-01-30
1 PRIOR APPLICATION NUMBER: PCT/US01/00664
1 PRIOR FILING DATE: 2001-01-30
1 PRIOR APPLICATION NUMBER: PCT/US01/00669
1 PRIOR FILING DATE: 2001-01-30
1 PRIOR APPLICATION NUMBER: PCT/US01/00665
1 PRIOR FILING DATE: 2001-01-30
1 PRIOR APPLICATION NUMBER: PCT/US01/00668
1 PRIOR FILING DATE: 2001-01-30
1 PRIOR APPLICATION NUMBER: PCT/US01/00663
1 PRIOR FILING DATE: 2001-01-30
1 PRIOR APPLICATION NUMBER: PCT/US01/00670
1 PRIOR FILING DATE: 2001-01-30
1 PRIOR APPLICATION NUMBER: US 09/864,761
1 PRIOR FILING DATE: 2001-05-23
1 PRIOR APPLICATION NUMBER: US 60/328,205
1 PRIOR FILING DATE: 2001-10-10
1 NUMBER OF SEQ ID NOS: 4162
1 SOFTWARE: Acomica Sequence Listing Engine
1 SEQ ID NO 1822
1 LENGTH: 17
1 TYPE: DNA
1 ORGANISM: Homo sapiens
US-10-061-201-1822

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1599 GGAAGGCTATCTGCAG 1614
DB 17 GGAGGGCTCTCTGCAG 2

RESULT 497
US-10-061-201-1823/c
1 Sequence 1823, Application US/10061201
1 Publication No. US20030166229A1
1 GENERAL INFORMATION:
1 APPLICANT: Shannon, Mark
1 TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
1 FILE REFERENCE: PB0178
1 CURRENT APPLICATION NUMBER: US/10/061,201
1 PRIOR FILING DATE: 2002-01-30
1 PRIOR APPLICATION NUMBER: PCT/US01/00666
1 PRIOR FILING DATE: 2001-01-30
1 PRIOR APPLICATION NUMBER: PCT/US01/00667
1 PRIOR FILING DATE: 2001-01-30
1 PRIOR APPLICATION NUMBER: PCT/US01/00664
1 PRIOR FILING DATE: 2001-01-30
1 PRIOR APPLICATION NUMBER: PCT/US01/00669
1 PRIOR FILING DATE: 2001-01-30
1 PRIOR APPLICATION NUMBER: PCT/US01/00665
1 PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aeonica Sequence Listing Engine
; SEQ ID NO 1823
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1823

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1599 GGAAGGGTATCTGCAG 1614
||| ||||| |||||
Db 16 GGAGGGGTCTCTGCAG 1

RESULT 498
US-10-061-201-2025
; Sequence 2025, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: P80178
; CURRENT APPLICATION NUMBER: US/10/061,201
; PRIOR FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aeonica Sequence Listing Engine
; SEQ ID NO 2025
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-2025

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1326 TGTGGCCCGGAACAC 1341
||| ||||| |||||
Db 2 TGAGGCCCGGACCCAC 17

RESULT 499
US-10-061-201-2026
; Sequence 2026, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: P80178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aeonica Sequence Listing Engine
; SEQ ID NO 2026
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-2026

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1326 TGTGGCCCGGAACAC 1341
||| ||||| |||||
Db 1 TGAGGCCCGGACCCAC 16

RESULT 500
US-10-339-782-412
; Sequence 412, Application US/10339782
; Publication No. US20030166026A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: Goodman, Laurie J
; APPLICANT: Bowen, Benjamin A
; TITLE OF INVENTION: Identification of Specific Biomarkers for Breast Cancer Cells
; FILE REFERENCE: 37-00011005
; CURRENT APPLICATION NUMBER: US/10/339,782
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 495
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 412
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-339-782-412

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1005 GATGCTGCTGTGAAA 1020

Db 1 GATCCTGCTGCTGTA 16
|||||

RESULT 501
US-09-817-879-656/c
; Sequence 656, Application US/09817879
; Publication No. US20030171311A1

; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: MBH00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 656
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-656

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1629 CCAGGGGGCCAGAG 1644
|||||
Db 17 CCAGGGCCAGAG 2

RESULT 502

US-09-817-879-1976
; Sequence 1976, Application US/09817879
; Publication No. US20030171311A1

; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: MBH00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1976
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-1976

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 3.2e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 18 GCCCTTCACGATGG 33
|||||
Db 2 GCCCTTCACGAGGG 17

RESULT 503

US-09-817-879-2217/c
; Sequence 2217, Application US/09817879
; Publication No. US20030171311A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: MBH00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2217
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-2217

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 610 CAGGTGGCTGCCCTGC 625
|||||
Db 16 CAGGTGGGGCCTCC 1

RESULT 504

US-09-817-879-2579/c
; Sequence 2579, Application US/09817879
; Publication No. US20030171311A1

; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: MBH00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2579
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-2579

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 18 GCCCTTCACGATGG 33
|||||
Db 17 GCCCTTCACGAGTG 2

RESULT 505

US-09-817-879-3797
; Sequence 3797, Application US/09817879
; Publication No. US20030171311A1

; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: MBH00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3797

```
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-3797

Query Match          0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 3.2e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy      236 AGCGTGCAGCAACCATG 251
Db      1 AGCCUGGAGCACCAG 16

RESULT 506
US-09-817-879-3899
; Sequence 3899, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: MBH00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3899
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-3899

Query Match          0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1629 CCAGCGGCCCGCAGAG 1644
Db      2 CCAGCGCAGCAGAG 17

RESULT 507
US-10-339-793-292
; Sequence 292, Application US/10339793
; Publication No. US20030180764A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: Shang, Jin
; APPLICANT: Bowen, Benjamin
; TITLE OF INVENTION: GENES AFFECTED BY CHOLESTEROL TREATMENT AND DURING ADIPOGENESIS
; CURRENT APPLICATION NUMBER: US/10/339,793
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 443
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 292
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-339-793-292

Query Match          0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1629 CCAGAGCTGAAGGAC 1653
Db      17 CCAGCAGCTGAATGAC 2

RESULT 510
US-10-209-787-819
; Sequence 819, Application US/10209787
```

```
Qy      1078 ATTAACAAGCAGGAGT 1093
Db      2 ATCAGCAAGCAGGAGT 17

RESULT 508
US-10-338-777-371
; Sequence 371, Application US/10338777
; Publication No. US20030188343A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: United States Department of Agriculture
; APPLICANT: Bowen, Benjamin A
; APPLICANT: Haudenschild, Christian D
; APPLICANT: Buckler, Edward S
; TITLE OF INVENTION: Identification of Genes Associated with Growth in Plants
; FILE REFERENCE: 37-000510US
; CURRENT APPLICATION NUMBER: US/10/338,777
; CURRENT FILING DATE: 2003-01-07
; NUMBER OF SEQ ID NOS: 405
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 371
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
US-10-338-777-371

Query Match          0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      790 GTTCTGCTGAGAGAG 805
Db      1 GATCTGCTGAGAGAG 16

RESULT 509
US-09-891-093-8/c
; Sequence 8, Application US/09891093
; Publication No. US20030199007A1
; GENERAL INFORMATION:
; APPLICANT: PESTKA, Sidney
; TITLE OF INVENTION: MODIFIED INTERFERONS
; FILE REFERENCE: PBLI-P08-005
; CURRENT APPLICATION NUMBER: US/09/891,093
; CURRENT FILING DATE: 2001-06-25
; PRIOR APPLICATION NUMBER: 08/489,071
; PRIOR FILING DATE: 1995-06-09
; PRIOR APPLICATION NUMBER: 08/257,784
; PRIOR FILING DATE: 1994-06-10
; PRIOR APPLICATION NUMBER: 08/076,231
; PRIOR FILING DATE: 1993-06-11
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Genomic DNA
US-09-891-093-8

Query Match          0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1638 CCAGAGCTGAAGGAC 1653
Db      17 CCAGCAGCTGAATGAC 2
```


Publication No. US20030217377A1
GENERAL INFORMATION:
APPLICANT: Kmiec, Eric B.
APPLICANT: Gamper, Howard B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
FILE OF INVENTION: Stranded Oligonucleotides
FILE REFERENCE: Napro-4
CURRENT APPLICATION NUMBER: US/10/209,787
CURRENT FILING DATE: 2002-07-30
PRIOR APPLICATION NUMBER: US 09/818,875
PRIOR FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,989
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
SEQ ID NO 819
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-209-787-819

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 531 CATTCAATATCGCGCTG 546
DB 1 CATTCAATATCGCGCTG 16

RESULT 511
US-10-209-787-820/c
Sequence 820, Application US/10209787
Publication No. US20030217377A1
GENERAL INFORMATION:
APPLICANT: Kmiec, Eric B.
APPLICANT: Gamper, Howard B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
FILE OF INVENTION: Stranded Oligonucleotides
FILE REFERENCE: Napro-4
CURRENT APPLICATION NUMBER: US/10/209,787
CURRENT FILING DATE: 2002-07-30
PRIOR APPLICATION NUMBER: US 09/818,875
PRIOR FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,989
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
SEQ ID NO 820
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-209-787-820

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 531 CATTCAATATCGCGCTG 546

Db 17 CATTCAATATCGCGCTG 2

RESULT 512
US-10-209-787-1047/c
Sequence 1047, Application US/10209787
Publication No. US20030217377A1
GENERAL INFORMATION:
APPLICANT: Kmiec, Eric B.
APPLICANT: Gamper, Howard B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
FILE OF INVENTION: Stranded Oligonucleotides
FILE REFERENCE: Napro-4
CURRENT APPLICATION NUMBER: US/10/209,787
CURRENT FILING DATE: 2002-07-30
PRIOR APPLICATION NUMBER: US 09/818,875
PRIOR FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,989
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
SEQ ID NO 1047
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-209-787-1047

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 407 ACTTGACCACAGAAAAA 422
DB 16 ACTTGACCACAGACATA 1

RESULT 513
US-10-209-787-1048
Sequence 1048, Application US/10209787
Publication No. US20030217377A1
GENERAL INFORMATION:
APPLICANT: Kmiec, Eric B.
APPLICANT: Gamper, Howard B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
FILE OF INVENTION: Stranded Oligonucleotides
FILE REFERENCE: Napro-4
CURRENT APPLICATION NUMBER: US/10/209,787
CURRENT FILING DATE: 2002-07-30
PRIOR APPLICATION NUMBER: US 09/818,875
PRIOR FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,989
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
SEQ ID NO 1048
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens

US-10-209-787-1048

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 407 ACTTGACCAAGAAAA 422
|||||
DB 2 ACTTGACCAAGACATA 17

RESULT 514

US-10-106-831-4
; Sequence 4, Application US/10106831
; Publication No. US20030022378A1
; GENERAL INFORMATION:
; APPLICANT: Ehrhardt, Anja
; TITLE OF INVENTION: Helper Dependent Adenoviral Vector
; FILE REFERENCE: STAN-215
; CURRENT APPLICATION NUMBER: US/10/106,831
; PRIOR FILING DATE: 2002-09-04
; PRIOR FILING DATE: 60/278,972
; PRIOR FILING DATE: 2001-03-26
; PRIOR FILING DATE: 60/284,335
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-106-831-4

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 908 AGCTCTTGAGACGAC 923
|||||
DB 2 AGCTCTTGACAGGAC 17

RESULT 515

US-10-106-831-17
; Sequence 17, Application US/10106831
; Publication No. US20030022378A1
; GENERAL INFORMATION:
; APPLICANT: Ehrhardt, Anja
; APPLICANT: Kay, Mark
; TITLE OF INVENTION: Helper Dependent Adenoviral Vector
; FILE REFERENCE: STAN-215
; CURRENT APPLICATION NUMBER: US/10/106,831
; CURRENT FILING DATE: 2002-09-04
; PRIOR FILING DATE: 60/278,972
; PRIOR FILING DATE: 2001-03-26
; PRIOR FILING DATE: 60/284,335
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 17
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-106-831-17

Query Match 0.7%; Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1647 GAGGACAAAGAGTA 1662
|||||
DB 2 GAGAGACAAAGAGTA 17

RESULT 516

US-10-060-830-134/c
; Sequence 134, Application US/10060830
; Publication No. US20030032154A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Nguyen, Cung-Tuong
; TITLE OF INVENTION: HUMAN LCCL DOMAN CONTAINING PROTEIN
; FILE REFERENCE: PB0169
; CURRENT APPLICATION NUMBER: US/10/060,830
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/325,062
; PRIOR FILING DATE: 2001-09-25
; NUMBER OF SEQ ID NOS: 1123
; SOFTWARE: Aemica Sequence Listing Engine
; SEQ ID NO 134
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-830-134

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 872 TCATGTTTCACTGCCT 887
|||||
DB 17 TCATGTTTCACTGCCT 2

RESULT 517

US-10-060-830-135/c
; Sequence 135, Application US/10060830
; Publication No. US20030032154A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Nguyen, Cung-Tuong
; TITLE OF INVENTION: HUMAN LCCL DOMAN CONTAINING PROTEIN
; FILE REFERENCE: PB0169
; CURRENT APPLICATION NUMBER: US/10/060,830
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/325,062
; PRIOR FILING DATE: 2001-09-25
; NUMBER OF SEQ ID NOS: 1123
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 135
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-830-135

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 872 TCATGCTTCACCTGCT 887
DB 16 TCATGCTTCACCTGCT 1

RESULT 518

US-10-287-919-397
; Sequence 397, Application US/10287919
; Publication No. US20030085830A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
; FILE REFERENCE: Jim Zeiger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,919
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2706
; SOFTWARE: Proprietary
; SEQ ID NO 397
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Methanococcus jannaschii complete genome.
; FEATURE:
; LOCATION: (123072)...(123088)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectonObjectNumber = 474
US-10-287-919-397

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 941 TATCTCTGGACTTACA 956
DB 1 TATCTCTGGAATTCA 16

RESULT 519

US-10-060-895A-145/c
; Sequence 145, Application US/10060895A
; Publication No. US20030104403A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; APPLICANT: Nguyen, Cung-Tuong
; TITLE OF INVENTION: HUMAN UDP-GALNAC:POLYPEPTIDE N-ACETYL GALACTOSAMINYLTTRANSFERASE 10
; FILE REFERENCE: PB0158
; CURRENT APPLICATION NUMBER: US/10/060,895A
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/315,984
; PRIOR FILING DATE: 2001-08-30
; NUMBER OF SEQ ID NOS: 1682
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 146
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-895A-146

; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/315,984
; PRIOR FILING DATE: 2001-08-30
; NUMBER OF SEQ ID NOS: 1682
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 145
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-895A-145

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 487 GATGGCTGGCCCTTG 502
DB 17 GATGGCGGCGACTTG 2

RESULT 520

US-10-060-895A-146/c
; Sequence 146, Application US/10060895A
; Publication No. US20030104403A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; APPLICANT: Gu, Yizhong
; APPLICANT: Nguyen, Cung-Tuong
; TITLE OF INVENTION: HUMAN UDP-GALNAC:POLYPEPTIDE N-ACETYL GALACTOSAMINYLTTRANSFERASE
; FILE REFERENCE: PB0158
; CURRENT APPLICATION NUMBER: US/10/060,895A
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/315,984
; PRIOR FILING DATE: 2001-08-30
; NUMBER OF SEQ ID NOS: 1682
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 146
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-895A-146

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 941 TATCTCTGGACTTACA 956
DB 1 TATCTCTGGAATTCA 16

RESULT 519

US-10-060-895A-145/c
; Sequence 145, Application US/10060895A
; Publication No. US20030104403A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; APPLICANT: Nguyen, Cung-Tuong
; TITLE OF INVENTION: HUMAN UDP-GALNAC:POLYPEPTIDE N-ACETYL GALACTOSAMINYLTTRANSFERASE 10
; FILE REFERENCE: PB0158
; CURRENT APPLICATION NUMBER: US/10/060,895A
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/315,984
; PRIOR FILING DATE: 2001-08-30
; NUMBER OF SEQ ID NOS: 1682
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 146
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-895A-146

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 487 GATGGGCTGCCCTTG 502
|||||
Db 16 GATGGGCGGCATTG 1

RESULT 521
US-10-060-998-478/c
; Sequence 478, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Aescmca Sequence Listing Engine
; SEQ ID NO 478
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-478

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1657 GAAGTAGCTTCTGGA 1672
|||||
Db 17 GAAGAAGATTCTGGA 2

RESULT 522
US-10-060-998-479/c
; Sequence 479, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Aescmca Sequence Listing Engine
; SEQ ID NO 479
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-479

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1657 GAAGTAGCTTCTGGA 1672
|||||
Db 16 GAAGAAGATTCTGGA 1

RESULT 523
US-10-060-998-1027/c

; Sequence 1027, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Aescmca Sequence Listing Engine
; SEQ ID NO 1027
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-1027

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 414 CAAGAAAAACAGGCTG 429
|||||
Db 17 CAGGAAAAACAGGCCG 2

RESULT 524
US-10-060-998-1028/c
; Sequence 1028, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Aescmca Sequence Listing Engine
; SEQ ID NO 1028
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-1028

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 414 CAAGAAAAACAGGCTG 429
|||||
Db 16 CAGGAAAAACAGGCCG 1

RESULT 525
US-10-060-998-1029/c
; Sequence 1029, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998

; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Aeonica Sequence Listing Engine
; SEQ ID NO 1029
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-1029

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 412 ACCAGAGAAAACAGGC 427
Db 17 AGCAGGAAAACAGGC 2

RESULT 526
US-10-060-998-1030/c
; Sequence 1030, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; PRIOR FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Aeonica Sequence Listing Engine
; SEQ ID NO 1030
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-1030

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 412 ACCAGAGAAAACAGGC 427
Db 16 AGCAGGAAAACAGGC 1

RESULT 527
US-10-163-552-145
; Sequence 145, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
; FILE REFERENCE: HER2
; FILE REFERENCE: MEHB01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 145
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens

; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-145

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 3.2e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 855 AACCCACCACCTCTGCT 870
Db 1 AACCCACCACCTCTGCT 16

RESULT 528
US-10-163-552-373
; Sequence 373, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
; FILE REFERENCE: HER2
; FILE REFERENCE: MEHB01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 373
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-373

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 3.2e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 855 AACCCACCACCTCTGCT 870
Db 2 AACCCACCACCTCTGCT 17

RESULT 529
US-10-163-552-494
; Sequence 494, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
; FILE REFERENCE: HER2
; FILE REFERENCE: MEHB01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 494
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-494

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 3.2e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1565 AAGGGCTGCCCTGCT 1580
Db 2 AAGGGCTGCCCTGCT 17

RESULT 530
US-10-156-306-1544/c
; Sequence 1544, Application US/10156352
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
; FILE REFERENCE: HER2
; FILE REFERENCE: MEHB01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1544
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens

```

RESULT 532
US-10-156-306-6802/c
; Sequence 6802, Application US/10156306
; Publication No. US2003019017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals,
; APPLICANT: MCSwiggan, James
; TITLE OF INVENTION: Enzymatic Nucleic
; TITLE OF INVENTION: Levels of IKK- $\gamma$ 
; FILE REFERENCE: MEH801-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6802
; LENGTH: 17
; TYPE: RNA

```

RESULT 532
US-10-156-306-6802/c
; Sequence 6802, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Mcswiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MSHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156.306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 6802
; LENGTH: 17
; TYPE: RNA

RESULT 535
US-10-156-306-6857
: Sequence 6857. Application US/10156306

```
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MBH01-664-A (4007/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6857
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-10-156-306-6857

Query Match          0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 692 CAGCGGAGGAGGAGG 707
DB 1 CAGCGGAGGAGGAGG 16

RESULT 536
US-09-865-807-13
; Sequence 13, Application US/09865807
; Patent No. US20020068334A1
; GENERAL INFORMATION:
; APPLICANT: Carrino, John J.
; APPLICANT: Gerrue, Louis O.
; APPLICANT: Diver, Jonathan M.
; TITLE OF INVENTION: Multiplex Amplification and Separation of Nucleic Acid
; TITLE OF INVENTION: Sequences Using Ligation-Dependant Strand Displacement
; TITLE OF INVENTION: Amplification and Bioelectronic Chip Technology
; FILE REFERENCE: 265/018 Nanogen
; CURRENT APPLICATION NUMBER: US/09/865,807
; CURRENT FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Salmonella typhimurium
; US-09-865-807-13

Query Match          0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 549 CATCTGGGATTCTTC 564
DB 3 CATCTGGGATTCTTC 18

RESULT 537
US-09-951-107-21
; Sequence 21, Application US/09951107
; Patent No. US20020120120A1
; GENERAL INFORMATION:
; APPLICANT: Bullerdick, Jörn
; TITLE OF INVENTION: NUCLEIC ACID SEQUENCES OF GENES ENCODING
; TITLE OF INVENTION: HIGH MOBILITY GROUP PROTEINS AND USES THEREOF
; FILE REFERENCE: ABOH04.1C1CPCL
; CURRENT APPLICATION NUMBER: US/09/951,107
; CURRENT FILING DATE: 2001-09-10
; PRIOR APPLICATION NUMBER: 09/105,542
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 09/102,321
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: DE 19548122.4
```

```
; PRIOR FILING DATE: 1995-12-20
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 21
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
; US-09-951-107-21
```

```
Query Match          0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 1483 GCCTCAGAGAGGAGA 1498
DB 2 GCCTCAGAGAGGAGA 17
```

```
RESULT 538
US-09-777-732-12/c
; Sequence 12, Application US/09777732
; Patent No. US20020132235A1
; GENERAL INFORMATION:
; APPLICANT: Avihingsanon, Yingyos
; APPLICANT: Ma, Nelli
; APPLICANT: Strom, Terry
; APPLICANT: Soares, Miguel C.
; APPLICANT: Ferran, Chrisiane
; APPLICANT: Manikkam, Suthanthiran
; TITLE OF INVENTION: MEASUREMENT OF PROTECTIVE GENES IN ALLOGRAFT REJECTION
; FILE REFERENCE: 01948-059001
; CURRENT APPLICATION NUMBER: US/09/777,732
; CURRENT FILING DATE: 2001-02-06
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetically generated primer
; US-09-777-732-12
```

```
Query Match          0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 938 TCATTATCTCTGGACTT 953
DB 16 TCATTATCTCTGGACTT 1
```

```
RESULT 539
US-09-969-373-4254
; Sequence 4254, Application US/09969373
; Patent No. US2002013852A1
; GENERAL INFORMATION:
; APPLICANT: Effertz, Roger J.
; APPLICANT: Hauge, Brian M.
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; CURRENT FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 09/760,427
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/855,768
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 4254
```

```

RESULT 543
US-09-423-800-43/c
Sequence 43, Application US/09423800
Patent No. US20020165363A1
GENERAL INFORMATION:
APPLICANT: SATO, KOH
APPLICANT: TSUNENARI, TOSHIAKI
APPLICANT: ISHII, KIMIE
TITLE OF INVENTION: CACHEXIA REMEDY
FILE REFERENCE: 04953-0036
CURRENT APPLICATION NUMBER: US/09/423,800
CURRENT FILING DATE: 1999-11-12
PRIOR APPLICATION NUMBER: PC/Jp98/02116
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: JP 125505/1997
PRIOR FILING DATE: 1997-05-15
PRIOR APPLICATION NUMBER: JP 194445/1997
PRIOR FILING DATE: 1997-07-18
NUMBER OF SEQ ID NOS: 87
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 43

```


; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
US-09-423-800-43

Query Match 0.7%; Score 12.8; DB 1; Length 18;

Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1025 CTGAAGAGCTTCAAGC 1040
|||||
Db 17 CTGAGAGCTCCAGC 2

RESULT 544

US-09-954-594A-13
; Sequence 13, Application US/09954594A
; Publication No. US20030049629A1
; GENERAL INFORMATION:
; APPLICANT: Nerenberg, Michael I.
; APPLICANT: Westin, Lorelei P.
; APPLICANT: Edman, Carl F.
; APPLICANT: Carrino, John
; TITLE OF INVENTION: MULTIPLEX AMPLIFICATION AND SEPARATION OF NUCLEIC ACID
; TITLE OF INVENTION: SEQUENCES ON A BIOELECTRONIC MICROCHIP USING ASYMMETRIC
; FILE REFERENCE: 241/109
; CURRENT APPLICATION NUMBER: US/09/954,594A
; CURRENT FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: 09/290,452
; PRIOR FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 13
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Salmonella typhimurium
US-09-954-594A-13

Query Match 0.7%; Score 12.8; DB 1; Length 18;

Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 549 CATCTGGGATTCCTTC 564
|||||
Db 3 CATCTGGGATTCCTTC 18

RESULT 545

US-09-974-685-13
; Sequence 13, Application US/09974685
; Publication No. US20030049632A1
; GENERAL INFORMATION:
; APPLICANT: Nerenberg, Michael I.
; APPLICANT: Edman, Carl F.
; TITLE OF INVENTION: ELECTRONICALLY MEDIATED NUCLEIC ACID
; TITLE OF INVENTION: AMPLIFICATION IN NASBA
; FILE REFERENCE: 238/072
; CURRENT APPLICATION NUMBER: US/09/974,685
; CURRENT FILING DATE: 2001-10-09
; PRIOR APPLICATION NUMBER: 09/290,338
; PRIOR FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 13
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Salmonella typhimurium
US-09-974-685-13

Query Match 0.7%; Score 12.8; DB 1; Length 18;

Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 549 CATCTGGGATTCCTTC 564
|||||
Db 3 CATCTGGGATTCCTTC 18

RESULT 546

US-09-093-972C-748
; Sequence 748, Application US/09093972C
; Publication No. US20030087845A1
; GENERAL INFORMATION:
; APPLICANT: Nyce, Jonathan W.
; TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION
; OF BRONCHOCONSTRICTION, ALLERGY (IBS) & INFLAMMATION
; NUMBER OF SEQUENCES: 996
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
; STREET: 7 Clarke Drive
; CITY: Cranbury
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 08512
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/093,972C
; FILING DATE: 09-Jun-1998
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/472,527
; FILING DATE: 7-June-1995
; APPLICATION NUMBER: US 08/757,024
; FILING DATE: 26-11-1996
; APPLICATION NUMBER: US 08/472,527
; FILING DATE: 7-June-1995
; APPLICATION NUMBER: US 09/016,464
; FILING DATE: 30-January-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Amzel, Viviana
; REGISTRATION NUMBER: 30,930
; REFERENCE/DOCKET NUMBER: EPI-00672
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-409-3035
; TELEFAX: 413-254-9245
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 748:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 748:

Query Match 0.7%; Score 12.8; DB 1; Length 18;

Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 70 GCGGCTTGGGGGCAC 85
|||||
Db 3 GCGGCTTGGGGGCAC 18

RESULT 547

US-09-093-972C-796
; Sequence 796, Application US/09093972C

```

; PRIOR APPLICATION NUMBER: US 60/240,735
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: US 60/240,735
; PRIOR FILING DATE: 2000-10-12
; PRIOR APPLICATION NUMBER: US 60/238,718
; PRIOR FILING DATE: 2000-10-06
; PRIOR APPLICATION NUMBER: US 08/937,063
; PRIOR FILING DATE: 1997-09-24
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense primer
US-09-778-013-12

Query Match      0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred.No.3.se+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      938 TCTTATCTCTGGACTT 953
      |||||
Db      16 TCTTGTCTCTGGGCTT 1

RESULT 549
US-10-297-068-121
; Sequence 121, Application US/10297068
; Publication No. US20030228585A1
; GENERAL INFORMATION:
; APPLICANT: INOKO, Hidetoshi
; APPLICANT: KAGIYA, Taeko
; APPLICANT: ICHIHARA, Tatsuo
; APPLICANT: Matsumura, Yoshiyuki
; APPLICANT: MORIYA, Shogo
; APPLICANT: NISHIDA, Michio
; TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES
; FILE REFERENCE: 13:40P1174
; CURRENT APPLICATION NUMBER: US/10/297,068
; CURRENT FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: JP 2000-164798
; PRIOR FILING DATE: 2000-06-01
; NUMBER OF SEQ ID NOS: 1298
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 121
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:capture
US-10-297-068-121

Query Match      0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred.No.3.se+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      654 TGGAGGGGAACCCAGGC 669
      |||||
Db      2 TGGAGGGGACCCGGGC 17

RESULT 550
US-10-297-068-578
; Sequence 578, Application US/10297068
; Publication No. US20030228585A1
; GENERAL INFORMATION:
; APPLICANT: INOKO, Hidetoshi
; APPLICANT: KAGIYA, Taeko
; APPLICANT: ICHIHARA, Tatsuo
; APPLICANT: Matsumura, Yoshiyuki
; APPLICANT: MORIYA, Shogo

```

; APPLICANT: NISHIDA, Michio
; TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES
; FILE REFERENCE: 1314OP1174
; CURRENT APPLICATION NUMBER: US/10/297,068
; CURRENT FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: JP 2000-164798
; PRIOR FILING DATE: 2000-06-01
; NUMBER OF SEQ ID NOS: 1298
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 578
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: capture
US-10-297-068-578

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 654 TGGAGGGAACCCAGGC 669
|||
Db 2 TGGAGGGACCCGGC 17

RESULT 551

US-10-388-263-242
; Sequence 242, Application US/10388263
; Publication No. US2003022857A1
; GENERAL INFORMATION:
; APPLICANT: Cowsert, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeil, John
; APPLICANT: Freier, Susan M.
; APPLICANT: Sasnor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Ohashi, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
; TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
; FILE REFERENCE: ISIS-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 242
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-242

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 205 CTTCTGGACCCCTGA 220
|||
Db 3 CTTCTGGACCCCTGA 18

RESULT 552

US-10-376-341-56/c
; Sequence 56, Application US/10376341
; Publication No. US20040002473A1
; GENERAL INFORMATION:
; APPLICANT: KURRECK, Jens
; APPLICANT: ERDMANN, Volker A.

; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES AGAINST VR1
; FILE REFERENCE: 029310.52142US
; CURRENT APPLICATION NUMBER: US/10/376,341
; CURRENT FILING DATE: 2003-03-03
; PRIOR APPLICATION NUMBER: PCT/EP01/10081
; PRIOR FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: 100 43 674.9
; PRIOR FILING DATE: 2000-09-02
; PRIOR APPLICATION NUMBER: 100 43 702.8
; PRIOR FILING DATE: 2000-09-04
; NUMBER OF SEQ ID NOS: 248
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 56
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-376-341-56

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1255 GACACTGTCAAAAAGA 1270
|||
Db 17 GAGACTGTCAACAGA 2

RESULT 553

US-10-108-260A-5117
; Sequence 5117, Application US/10108260A
; Publication No. US20040005560A1
; GENERAL INFORMATION:
; APPLICANT: HELIX RESEARCH INSTITUTE
; TITLE OF INVENTION: NO. US20040005560A1el full length cDNA
; FILE REFERENCE: HI-A0106
; CURRENT APPLICATION NUMBER: US/10/108,260A
; CURRENT FILING DATE: 2002-03-27
; NUMBER OF SEQ ID NOS: 5458
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5117
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: an artificially synthesized
US-10-108-260A-5117

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1020 AACACCTGAGAGCCTT 1035
|||
Db 1 ATCACCTGGAGAGCCTT 16

RESULT 554

US-10-349-143-3938
; Sequence 3938, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732

```
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 3938
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-1151 for SEQ 4,
US-10-349-143-3938
```

```
Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 1048 AATTCCACACTGTCC 1063
DB 3 AATTACCACCTGTCC 18
|||||
```

```
RESULT 555
US-10-349-143-7402
; Sequence 7402, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7402
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-4285 for SEQ 3468,
US-10-349-143-7402
```

```
Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 1591 AACCGAAGGAGGAT 1606
DB 2 AACCGAAGGAGGAT 17
|||||
```

```
RESULT 556
US-10-349-143-8021/c
; Sequence 8021, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
```

```
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8021
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-13238 for SEQ 156, in comple
US-10-349-143-8021
```

```
Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 1128 TCCACTCTCCGAGGG 1143
DB 16 TCCACTCTCAGGAGG 1
|||||
```

```
RESULT 557
US-10-349-143-8461
; Sequence 8461, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8461
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-15606 for SEQ 596, in comple
US-10-349-143-8461
```

```
Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 1105 ATTCCAATGCAGTTGA 1120
DB 2 ACTCCAATGCAGTTGA 17
|||||
```

```
RESULT 558
US-10-349-143-10528/c
; Sequence 10528, Application US/10349143
```

; Publication No. US20040005584A1

; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

; FILE REFERENCE: GENSET-020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143

; PRIOR FILING DATE: 2003-01-21

; CURRENT APPLICATION NUMBER: US/09/422,978

; PRIOR FILING DATE: 1999-10-20

; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850

; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21

; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732

; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23

; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614

; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21

; NUMBER OF SEQ ID NOS: 11796

; SEQ ID NO 10528

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Homo Sapiens

; FEATURE:

; NAME/KEY: primer_bind

; LOCATION: 1..18

; OTHER INFORMATION: downstream amplification primer 99-13205 for SEQ 2663, in complement

US-10-349-143-10528

Query Match

Best Local Similarity 0.7%; Score 12.8; DB 1; Length 18;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 161 CACAGCGCTGGGCAT 176

DB 17 CACAGACTGTAGCAT 2

RESULT 559

US-10-313-739-19/c

; Sequence 19, Application US/10313739

; Publication No. US20030138948A1

; GENERAL INFORMATION:

; APPLICANT: Geron Corporation

; APPLICANT: Fisk, Gregory

; APPLICANT: Inokuma, Margaret

; TITLE OF INVENTION: Islet Cells from Human Embryonic Stem Cells

; FILE REFERENCE: 132/002

; CURRENT APPLICATION NUMBER: US/10/313,739

; PRIOR FILING DATE: 2003-04-07

; PRIOR APPLICATION NUMBER: 60/338,885

; PRIOR FILING DATE: 2001-12-07

; NUMBER OF SEQ ID NOS: 45

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 19

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-313-739-19

Query Match

Best Local Similarity 0.7%; Score 12.8; DB 1; Length 18;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1518 GATGAATTCGGGCC 1533

DB 18 GATGACCTTCGGGCC 3

RESULT 560

US-10-327-805-30/c

; Sequence 30, Application US/10327805

; Publication No. US20030144241A1

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett

; TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD6 EXPRESSION

; FILE REFERENCE: RTS-0045

; CURRENT APPLICATION NUMBER: US/10/327,805

; CURRENT FILING DATE: 2002-12-20

; PRIOR APPLICATION NUMBER: US/09/679,298

; PRIOR FILING DATE: 2001-03-05

; NUMBER OF SEQ ID NOS: 47

; SEQ ID NO 30

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-327-805-30

Query Match

Best Local Similarity 0.7%; Score 12.8; DB 1; Length 18;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1004 GGATGCTGCTGCTGAA 1019

DB 18 GCGTCTGCTGCTGGA 3

RESULT 561

US-10-337-981-43/c

; Sequence 43, Application US/10337981

; Publication No. US20030138424A1

; GENERAL INFORMATION:

; APPLICANT: SATO, KOH

; APPLICANT: TSUNENARI, TOSHIAKI

; APPLICANT: ISHII, KIMIE

; TITLE OF INVENTION: CACHEXIA REMEDY

; FILE REFERENCE: 04853-0036

; CURRENT APPLICATION NUMBER: US/10/337,981

; CURRENT FILING DATE: 2003-01-08

; PRIOR APPLICATION NUMBER: PCT/JP98/02116

; PRIOR FILING DATE: 1998-05-13

; PRIOR APPLICATION NUMBER: JP 125505/1997

; PRIOR FILING DATE: 1997-05-15

; PRIOR APPLICATION NUMBER: JP 194445/1997

; PRIOR FILING DATE: 1997-07-18

; NUMBER OF SEQ ID NOS: 87

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 43

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA

US-10-337-981-43

Query Match

Best Local Similarity 0.7%; Score 12.8; DB 1; Length 18;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1025 CTGAAGAGCTTCAAGC 1040

DB 17 CTGAGGAGCTCAAGC 2

RESULT 562

US-10-334-703-22/c

; Sequence 22, Application US/10334703

; Publication No. US20030154511A1

; GENERAL INFORMATION:

; APPLICANT: Laten, Howard M.

; TITLE OF INVENTION: PLANT RETROVIRAL POLYNUCLEOTIDES AND

; NUMBER OF SEQUENCES: 58

; CORRESPONDENCE ADDRESS:

ADDRESS: Marshall, Gerstein and Borun
STREET: 233 South Wacker Drive/6300 Sears Tower
CITY: Chicago
STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/334,703
FILING DATE: 20-Dec-2002
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Wrona, Thomas J.
REGISTRATION NUMBER: 44,410
REFERENCE/DOCKET NUMBER: 27013/33214C US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300
TELEFAX: (312) 474-0448
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "oligonucleotide"
SEQUENCE DESCRIPTION: SEQ ID NO: 22:
US-10-334-703-22

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1166 TGTCACTCCTGTGGAA 1181
|||||
DB 18 TGTCACTACTGTGCA 3

RESULT 563
US-10-164-230-25/c
Sequence 25, Application US/10164230
Publication No. US20030170652A1
GENERAL INFORMATION:
APPLICANT: Inoko, Hidetoshi
TITLE OF INVENTION: METHOD OF TESTING FOR PSORIASIS VULGARIS
FILE REFERENCE: 06501-112U1
CURRENT APPLICATION NUMBER: US/10/164,230
CURRENT FILING DATE: 2002-03-04
PRIOR APPLICATION NUMBER: PCT/JF00/08624
PRIOR FILING DATE: 2000-12-06
PRIOR APPLICATION NUMBER: JP 11/346867
PRIOR FILING DATE: 1999-12-06
NUMBER OF SEQ ID NOS: 63
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 25
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Artificially synthesized primer sequence
US-10-164-230-25

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1114 CAGTGTGATGAGCTATC 1129
|||||

Db 18 CAGGTGATGAGCTCTC 3

RESULT 564
US-10-314-657-77
Sequence 77, Application US/10314657
Publication No. US20030175888A1
GENERAL INFORMATION:
APPLICANT: SHEN, Ben
APPLICANT: CHENG, Yi-Qiang
APPLICANT: TANG, Gong-Li
TITLE OF INVENTION: Discrete Acyltransferases Associated with Type I Polyketide
FILE REFERENCE: 054030-0021
CURRENT APPLICATION NUMBER: US/10/314,657
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: PCT/US02/08937
PRIOR FILING DATE: 2002-03-22
PRIOR APPLICATION NUMBER: US 60/278,935
PRIOR FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 214
SOFTWARE: Patent in version 3.2
SEQ ID NO 77
LENGTH: 18
TYPE: DNA
ORGANISM: Streptomyces atroolivaceus
US-10-314-657-77

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1385 GTCCAGCTTCTCATC 1400
|||||
DB 3 GCCCAAGCTTCCCATC 18

RESULT 565
US-10-084-839-3729
Sequence 3729, Application US/10084839
Publication No. US20030186238A1
GENERAL INFORMATION:
APPLICANT: Third Wave Technologies
APPLICANT: Allawi, Hatim
APPLICANT: Argue, Brad T.
APPLICANT: Bartholomay, Christian T.
APPLICANT: Chehak, Luane
APPLICANT: Curtis, Michelle L.
APPLICANT: Eis, Peggy S.
APPLICANT: Hall, Jeff G.
APPLICANT: Ip, Hon S.
APPLICANT: Ji, Lin
APPLICANT: Kaiser, Michael
APPLICANT: Kwiatkowski, Jr., Robert W.
APPLICANT: Lukowiak, Andrew A.
APPLICANT: Lyamichchev, Victor
APPLICANT: Lyamichcheva, Natalie E.
APPLICANT: Ma, WuPo
APPLICANT: Neri, Bruce P.
APPLICANT: Olson, Sarah M.
APPLICANT: Olson-Munoz, Marilyn C.
APPLICANT: Schaefer, James C.
APPLICANT: Skrzypczynski, Zbigniew
APPLICANT: Takova, Tsetska Y.
APPLICANT: Thompson, Lisa C.
APPLICANT: Thompson, Kevin L.
TITLE OF INVENTION: RNA Detection Assays
FILE REFERENCE: PORS-06666
CURRENT APPLICATION NUMBER: US/10/084,839
CURRENT FILING DATE: 2002-02-26
NUMBER OF SEQ ID NOS: 4004
SOFTWARE: Patent in version 3.1
SEQ ID NO 3729

```
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic
US-10-084-839-3729

Query Match      0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1103 TGATTCGAATGCAGTT 1118
Db 1 TCATGCCAATGCAGTT 16

RESULT 566
US-10-376-120-4
; Sequence 4, Application US/10376120
; Publication No. US20030186299A1
; GENERAL INFORMATION:
; APPLICANT: Cogburn, Larry A.
; APPLICANT: Carre, Wilfrid G.
; APPLICANT: Xiaofei, Wang
; TITLE OF INVENTION: Molecular Markers For Identification Of Fat and Lean Phenotypes
; FILE REFERENCE: 131*293
; CURRENT APPLICATION NUMBER: US/10/376,120
; CURRENT FILING DATE: 2003-02-27
; PRIOR APPLICATION NUMBER: US 60/359,846
; PRIOR FILING DATE: 2002-02-27
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Gallus domesticus
US-10-376-120-4

Query Match      0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 651 CTTTGAGGGACCCCA 666
Db 3 CTTTGAGGGACCCCA 18

RESULT 567
US-10-422-934-73/c
; Sequence 73, Application US/10422934
; Publication No. US20030186841A1
; GENERAL INFORMATION:
; APPLICANT: Barbas, Carlos F., III
; APPLICANT: Kadan, Michael
; APPLICANT: Beerli, Roger
; TITLE OF INVENTION: LIGAND ACTIVATED TRANSCRIPTIONAL REGULATOR PROTEINS
; FILE REFERENCE: 22908-1227C
; CURRENT APPLICATION NUMBER: US/10/422,934
; CURRENT FILING DATE: 2003-04-23
; PRIOR APPLICATION NUMBER: 09/586,625
; PRIOR FILING DATE: 2000-06-02
; PRIOR APPLICATION NUMBER: 09/433,042
; PRIOR FILING DATE: 1999-10-25
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 73
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Integrin_3 (B3C) target sequ
US-10-422-934-73

Query Match      0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1483 GCCTCAGACAGAGGAGA 1498
Db 2 GCCTCAGACAGAGGAGA 17

RESULT 569
US-10-149-736-67/c
```

```
; Sequence 67, Application US/10149736
; Publication No. US20030216332A1
; GENERAL INFORMATION:
; APPLICANT: Chamberlain, Jeffrey S.
; TITLE OF INVENTION: Mini-Dystrophin Nucleic Acids and Peptide Sequences
; FILE REFERENCE: UW-06968
; CURRENT APPLICATION NUMBER: US/10/149,736
; CURRENT FILING DATE: 2002-06-17
; PRIOR APPLICATION NUMBER: PCT/US01/31126
; PRIOR FILING DATE: 2001-10-04
; PRIOR APPLICATION NUMBER: 60/238,848
; PRIOR FILING DATE: 2000-10-06
; NUMBER OF SEQ ID NOS: 96
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 67
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-149-736-67

Query Match          0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 904 GAGGAGCTCTTGGA 919
Db 18 GAGGTGATCTTGGA 3

RESULT 570
US-10-387-304-13
; Sequence 13, Application US/10387304
; Publication No. US20030219804A1
; GENERAL INFORMATION:
; APPLICANT: Nerenberg, Michael I.
; APPLICANT: Westin, Lorelei P.
; APPLICANT: Landis, Geoffrey C.
; APPLICANT: Edman, Carl F.
; TITLE OF INVENTION: ANCHORED STRAND DISPLACEMENT AMPLIFICATION
; TITLE OF INVENTION: ON AN ELECTRONICALLY ADDRESSABLE MICROCHIP
; FILE REFERENCE: 238/065
; CURRENT APPLICATION NUMBER: US/10/387,304
; CURRENT FILING DATE: 2003-03-11
; PRIOR APPLICATION NUMBER: US/09/290,000
; PRIOR FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 13
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Salmonella typhimurium
US-10-387-304-13

Query Match          0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 549 CATCTGGGATCTTTC 564
Db 3 CATCTGGATCTTTC 18

RESULT 571
US-10-396-122-22/c
; Sequence 22, Application US/10396122
; Publication No. US2003021222A1
; GENERAL INFORMATION:
; APPLICANT: Laten, Howard
; TITLE OF INVENTION: PLANT RETROVIRAL POLYNUCLEOTIDES AND METHODS FOR USE THEREOF
```

```
; FILE REFERENCE: 27013/39234
; CURRENT APPLICATION NUMBER: US/10/396,122
; CURRENT FILING DATE: 2003-03-25
; PRIOR APPLICATION NUMBER: US 60/367,302
; PRIOR FILING DATE: 2002-03-25
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 22
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic primer
US-10-396-122-22

Query Match          0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1166 TGTCACTCTCTGGAA 1181
Db 18 TGTCACTACTGTGCA 3

RESULT 572
US-10-182-018-43/c
; Sequence 43, Application US/10182018
; Publication No. US20030049211A1
; GENERAL INFORMATION:
; APPLICANT: CHUGAI SEIYAKU KABUSHIKI KAISHA
; TITLE OF INVENTION: THERAPEUTIC AND PREVENTIVE AGENTS FOR DENTAL DISEASES
; FILE REFERENCE: PH-1092-PCT
; CURRENT APPLICATION NUMBER: US/10/182,018
; CURRENT FILING DATE: 2002-07-24
; PRIOR APPLICATION NUMBER: JP 2000-83034
; PRIOR FILING DATE: 2000-01-25
; NUMBER OF SEQ ID NOS: 75
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 43
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA
US-10-182-018-43

Query Match          0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1025 CTGAAGAGCTTCAAGC 1040
Db 17 CTGAGGAGCTCCAAGC 2

RESULT 573
US-10-181-603-24/c
; Sequence 24, Application US/10181603
; Publication No. US20030049662A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD7 EXPRESSION
; FILE REFERENCE: RTSP-0342
; CURRENT APPLICATION NUMBER: US/10/181,603
; CURRENT FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: PCT/US01/01165
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/487,444
; PRIOR FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 24
; LENGTH: 18
```


; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-181-603-24

Query Match 0.7%; Score 12.8; DB 1; Length 18;
 Best Local Similarity 87.5%; Pred. No. 3.5e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 183 GGGAAATCCCTTTGCC 198
 Db 16 GGGAAATGGCTTTTGGC 1

RESULT 574

US-10-001-254-40
 ; Sequence 40, Application US/10001254
 ; Publication No. US20030049702A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Reed, John C.
 ; APPLICANT: Godzik, Adam
 ; APPLICANT: Pawlowski, Krzysztof
 ; APPLICANT: Fiorentino, Loredana
 ; APPLICANT: Lee, Sug Hyung
 ; APPLICANT: Roth, Wilfred
 ; APPLICANT: Stenner-Liewen, Frank
 ; TITLE OF INVENTION: No. US20030049702A1e1 Death Domain Proteins
 ; FILE REFERENCE: P-LJ 5037
 ; CURRENT APPLICATION NUMBER: US/10/001,254
 ; CURRENT FILING DATE: 2001-11-15
 ; PRIOR APPLICATION NUMBER: 60/301,889
 ; PRIOR FILING DATE: 2001-06-29
 ; PRIOR APPLICATION NUMBER: 09/715,893
 ; PRIOR FILING DATE: 2000-11-17
 ; NUMBER OF SEQ ID NOS: 62
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 40
 ; LENGTH: 18
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: oligonucleotide
 US-10-001-254-40

Query Match 0.7%; Score 12.8; DB 1; Length 18;
 Best Local Similarity 87.5%; Pred. No. 3.5e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1035 TCAAGCTGAAAGGAAT 1050
 Db 2 TGATGCTGAAAGGAAT 17

RESULT 575

US-10-054-387-27/c
 ; Sequence 27, Application US/10054387
 ; Publication No. US20030054365A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Xu, Minzhen
 ; APPLICANT: Qiu, Gang
 ; APPLICANT: Humphreys, Robert
 ; TITLE OF INVENTION: CANCER CELL VACCINE
 ; FILE REFERENCE: U.S. Application 09/205,995, (CIP)
 ; CURRENT APPLICATION NUMBER: US/10/054,387
 ; CURRENT FILING DATE: 2002-01-22
 ; PRIOR APPLICATION NUMBER: 09/036,746
 ; PRIOR FILING DATE: 1998-03-09
 ; PRIOR APPLICATION NUMBER: 08/661,627
 ; PRIOR FILING DATE: 1996-06-11
 ; NUMBER OF SEQ ID NOS: 79
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 27

; LENGTH: 18
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: antisense
 ; OTHER INFORMATION: oligonucleotide corresponding to a specific region
 ; OTHER INFORMATION: of the mouse ii gene.
 US-10-054-387-27

Query Match 0.7%; Score 12.8; DB 1; Length 18;
 Best Local Similarity 87.5%; Pred. No. 3.5e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 707 GTGTCTCTGTCTTGT 722
 Db 17 GTGTCTCTGTCTTGT 2

RESULT 576

US-10-067-125-81
 ; Sequence 81, Application US/10067125
 ; Publication No. US20030055015A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Brenda F.
 ; APPLICANT: Cowsett, Lex M.
 ; APPLICANT: Monia, Brett P.
 ; APPLICANT: Xu, Xiaoxing S.
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION
 ; FILE REFERENCE: ISPH-0321
 ; CURRENT APPLICATION NUMBER: US/10/067,125
 ; CURRENT FILING DATE: 2002-02-04
 ; PRIOR APPLICATION NUMBER: 09/167,109
 ; PRIOR FILING DATE: 1998-10-06
 ; NUMBER OF SEQ ID NOS: 228
 ; SEQ ID NO 81
 ; LENGTH: 18
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: antisense sequence
 US-10-067-125-81

Query Match 0.7%; Score 12.8; DB 1; Length 18;
 Best Local Similarity 87.5%; Pred. No. 3.5e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 390 TATTACACTCTCTGCT 405
 Db 2 TATTACAGCCTTCT 17

RESULT 577

US-10-197-185-13
 ; Sequence 13, Application US/10197185
 ; Publication No. US20030104430A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Nanogen, Inc.
 ; APPLICANT: Nerenberg, Michael I.
 ; APPLICANT: Edman, Carl F.
 ; APPLICANT: Spargo, Catherine A.
 ; APPLICANT: Walker, George T.
 ; TITLE OF INVENTION: AMPLIFICATION AND SEPARATION OF NUCLEIC ACID SEQUENCES USING ST
 ; FILE REFERENCE: 274/169 US -- KTM
 ; CURRENT APPLICATION NUMBER: US/10/197,185
 ; CURRENT FILING DATE: 2002-07-15
 ; PRIOR APPLICATION NUMBER: US 09/290,632
 ; PRIOR FILING DATE: 1999-04-12
 ; NUMBER OF SEQ ID NOS: 62
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 13
 ; LENGTH: 18
 ; TYPE: DNA

```
; ORGANISM: Salmonella typhimurium
US-10-197-185-13

Query Match      0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 549 CATCTGGGATTCCTC 564
Db 3 CATCTGGGATTCCTC 18

RESULT 578
US-10-169-003-43/c
; Sequence 43, Application US/10169003
; Publication No. US20030124119A1
; GENERAL INFORMATION:
; APPLICANT: CHUGAI SEIYAKU KABUSHIKI KAISHA
; TITLE OF INVENTION: Stabilized Antibody Composition and Pharmaceutical Preparation fo
; TITLE OF INVENTION: Injection
; FILE REFERENCE: PH-1093-PCT
; CURRENT APPLICATION NUMBER: US/10/169,003
; CURRENT FILING DATE: 2002-06-26
; PRIOR APPLICATION NUMBER: JP 11-375203
; PRIOR FILING DATE: 1999-12-28
; NUMBER OF SEQ ID NOS: 75
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 43
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA
US-10-169-003-43

Query Match      0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1025 CTGAGAGAGCTCAAGC 1040
Db 17 CTGAGAGAGCTCAAGC 2

RESULT 579
US-09-860-761-27/c
; Sequence 27, Application US/09860761
; Publication No. US2003002775A1
; GENERAL INFORMATION:
; APPLICANT: Wallace, R. Bruce
; TITLE OF INVENTION: Method of Detecting and
; Discriminating Between Nucleic Acid Sequences
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: City of Hope
; STREET: 1500 East Duarte Road
; CITY: Duarte
; STATE: California
; COUNTRY: United States of America
; ZIP: 91010-0269
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3M High Density 3 1/2" diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS (R) Version 3.30
; SOFTWARE: Microsoft (R)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/860,761
; FILING DATE: 21-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/193,039B
; FILING DATE: 04 February 1994
; ATTORNEY/AGENT INFORMATION:

NAME: E. Anthony Figg
REGISTRATION NUMBER: 27,195
REFERENCE/DOCKET NUMBER: 2124-108
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 783-6040
TELEFAX: (202) 783-6031
TELEX: No. US2003002775A1e
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleotide
STRANDEDNESS: Single
TOPOLOGY: Linear
SEQUENCE DESCRIPTION: SEQ ID NO: 27:
US-09-860-761-27

Query Match      0.7%; Score 12.6; DB 1; Length 20;
Best Local Similarity 78.9%; Pred. No. 4.4e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1469 TTTTAAAGAGGGTGCTTC 1487
Db 20 TTTTAAAGAGGGGGCCCC 2

RESULT 580
US-10-188-646-38/c
; Sequence 38, Application US/10188646
; Publication No. US20040005565A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF LIVIN EXPRESSION
; FILE REFERENCE: RTS-0373
; CURRENT APPLICATION NUMBER: US/10/188,646
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 153
; SEQ ID NO 38
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-188-646-38

Query Match      0.7%; Score 12.6; DB 1; Length 20;
Best Local Similarity 78.9%; Pred. No. 4.4e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 599 GTCACCTGGACGAGGTGCG 617
Db 20 GCACCTTGTCACGAGGGGC 2

RESULT 581
US-10-188-646-113
; Sequence 113, Application US/10188646
; Publication No. US20040005565A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF LIVIN EXPRESSION
; FILE REFERENCE: RTS-0373
; CURRENT APPLICATION NUMBER: US/10/188,646
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 153
; SEQ ID NO 113
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-188-646-113
```

Query Match 0.7% Score 12.6; DB 1; Length 20;
Best Local Similarity 78.9%; Pred. No. 4.4e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 599 GTCACTGACGACGAGTGGC 617
Db 1 GCCACCTTGCCAGGGGCGC 19

RESULT 582
US-10-098-263B-26327/c
; Sequence 26327, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 26327
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-26327

Query Match 0.7% Score 12.6; DB 1; Length 25;
Best Local Similarity 78.9%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 55 ACTCTCTGCTTCCGGG 73
Db 20 AGTCTGTGGTCCGGG 2

RESULT 583
US-10-098-263B-26963/c
; Sequence 26963, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 26963
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-26963

Query Match 0.7% Score 12.6; DB 1; Length 25;
Best Local Similarity 78.9%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 55 ACTCTCTGCTTCCGGG 73
Db 21 AGTCTGTGGTCCGGG 3

RESULT 584
US-09-818-875-4352
; Sequence 4352, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.

; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Netro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 4352
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Escherichia coli
US-09-818-875-4352

Query Match 0.7% Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 637 GACACATTGCCAG 650
Db 1 GACACATTGCCAG 14

RESULT 585
US-09-848-754A-9217
; Sequence 9217, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rela
; FILE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MBHB00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 9217
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Description of Artificial Sequence: Enzymatic Nucleic acid
US-09-848-754A-9217

Query Match 0.7% Score 12.4; DB 1; Length 15;
Best Local Similarity 78.6%; Pred. No. 3e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 502 GCTGCCCATGAAA 515
Db 1 GCUGCCCAUGAGAA 14

RESULT 586
US-10-297-068-778/c
; Sequence 778, Application US/10297068
; Publication No. US20030228585A1
; GENERAL INFORMATION:
; APPLICANT: INOKO, Hidetoshi
; APPLICANT: KAGIYA, Taeko
; APPLICANT: ICHIHARA, Tatsuo
; APPLICANT: Matsumura, Yoshiyuki
; APPLICANT: MORIYA, Shogo
; APPLICANT: NISHIDA, Michio

; TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES
 ; FILE REFERENCE: 13140P1174
 ; CURRENT APPLICATION NUMBER: US/10/297,068
 ; CURRENT FILING DATE: 2002-11-27
 ; PRIOR APPLICATION NUMBER: JP 2000-164798
 ; PRIOR FILING DATE: 2000-06-01
 ; NUMBER OF SEQ ID NOS: 1298
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 778
 ; LENGTH: 15
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence:capture
 US-10-297-068-778

Query Match 0.7%; Score 12.4; DB 1; Length 15;
 Best Local Similarity 92.9%; Pred. No. 3e+02; Indels 0; Gaps 0;
 Matches 13; Conservative 0; Mismatches 1;

Qy 228 TCCACCGAGCCTG 241
 Db 14 TCCACCGGGCCTG 1

RESULT 587

US-10-307-005-2684
 ; Sequence 2684, Application US/10307005
 ; Publication No. US2003036208A1
 ; GENERAL INFORMATION:
 ; APPLICANT: University of Delaware
 ; APPLICANT: Eric B. Kniec
 ; APPLICANT: Howard B. Ganper
 ; APPLICANT: Michael C. Rice
 ; APPLICANT: Jungsup Kim

; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
 ; FILE REFERENCE: Napro/009 PCT

; CURRENT APPLICATION NUMBER: US/10/307,005
 ; CURRENT FILING DATE: 2002-11-26
 ; PRIOR APPLICATION NUMBER: PCT/US01/17672
 ; PRIOR FILING DATE: 2001-06-01
 ; PRIOR APPLICATION NUMBER: US 60/208,538
 ; PRIOR FILING DATE: 2000-06-01
 ; PRIOR APPLICATION NUMBER: US 60/244,989
 ; PRIOR FILING DATE: 2000-10-30
 ; PRIOR APPLICATION NUMBER: US 09/818,875
 ; PRIOR FILING DATE: 2001-03-27
 ; NUMBER OF SEQ ID NOS: 2717
 ; SOFTWARE: Friedman macro Napro4
 ; SEQ ID NO 2684
 ; LENGTH: 15
 ; TYPE: DNA
 ; ORGANISM: Escherichia coli

US-10-307-005-2684

Query Match 0.7%; Score 12.4; DB 1; Length 15;
 Best Local Similarity 92.9%; Pred. No. 3e+02; Indels 0; Gaps 0;
 Matches 13; Conservative 0; Mismatches 1;

Qy 637 GACACATGCGCAG 650
 Db 1 GACACATGCGCAG 14

RESULT 588

US-10-420-194-190/c
 ; Sequence 190, Application US/10420194
 ; Publication No. US20040006035A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Sirna Therapeutics, Inc.
 ; APPLICANT: McSwiggen, Jim
 ; APPLICANT: Blatt, Larry

; APPLICANT: Macejak, Dennis
 ; TITLE OF INVENTION: Nucleic Acid Mediated Disruption of HIV Fusogenic Peptide
 ; FILE REFERENCE: MBH02-305-A (400/011)
 ; CURRENT APPLICATION NUMBER: US/10/420,194
 ; CURRENT FILING DATE: 2003-04-22
 ; PRIOR APPLICATION NUMBER: PCT/US 03/05190
 ; PRIOR FILING DATE: 2003-02-20
 ; PRIOR APPLICATION NUMBER: US 60/398,036
 ; PRIOR FILING DATE: 2002-07-23
 ; PRIOR APPLICATION NUMBER: US 60/374,722
 ; PRIOR FILING DATE: 2002-04-22
 ; PRIOR APPLICATION NUMBER: US 60/358,580
 ; PRIOR FILING DATE: 2002-02-20
 ; PRIOR APPLICATION NUMBER: US 60/363,124
 ; PRIOR FILING DATE: 2002-03-11
 ; PRIOR APPLICATION NUMBER: US 60/386,782
 ; PRIOR FILING DATE: 2002-06-06
 ; PRIOR APPLICATION NUMBER: US 60/406,784
 ; PRIOR FILING DATE: 2002-08-29
 ; PRIOR APPLICATION NUMBER: US 60/408,378
 ; PRIOR FILING DATE: 2002-09-05
 ; PRIOR APPLICATION NUMBER: US 60/409,293
 ; PRIOR FILING DATE: 2002-09-09
 ; PRIOR APPLICATION NUMBER: US 60/440,123
 ; PRIOR FILING DATE: 2003-01-15
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 1234
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO 190
 ; LENGTH: 15
 ; TYPE: RNA
 ; ORGANISM: Human immunodeficiency virus
 US-10-420-194-190

Query Match 0.7%; Score 12.4; DB 1; Length 15;
 Best Local Similarity 92.9%; Pred. No. 3e+02; Indels 0; Gaps 0;
 Matches 13; Conservative 0; Mismatches 1;

Qy 293 CCCAAGATCCCAAG 306
 Db 14 CCCAAGACCCCAAG 1

RESULT 589

US-10-420-194-329/c
 ; Sequence 329, Application US/10420194
 ; Publication No. US20040006035A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Sirna Therapeutics, Inc.
 ; APPLICANT: McSwiggen, Jim
 ; APPLICANT: Blatt, Larry
 ; APPLICANT: Macejak, Dennis

; TITLE OF INVENTION: Nucleic Acid Mediated Disruption of HIV Fusogenic Peptide
 ; FILE REFERENCE: MBH02-305-A (400/011)

; CURRENT APPLICATION NUMBER: US/10/420,194
 ; CURRENT FILING DATE: 2003-04-22
 ; PRIOR APPLICATION NUMBER: PCT/US 03/05190
 ; PRIOR FILING DATE: 2003-02-20
 ; PRIOR APPLICATION NUMBER: US 60/398,036
 ; PRIOR FILING DATE: 2002-07-23
 ; PRIOR APPLICATION NUMBER: US 60/374,722
 ; PRIOR FILING DATE: 2002-04-22
 ; PRIOR APPLICATION NUMBER: US 60/358,580
 ; PRIOR FILING DATE: 2002-02-20
 ; PRIOR APPLICATION NUMBER: US 60/363,124
 ; PRIOR FILING DATE: 2002-03-11
 ; PRIOR APPLICATION NUMBER: US 60/386,782
 ; PRIOR FILING DATE: 2002-06-06
 ; PRIOR APPLICATION NUMBER: US 60/406,784
 ; PRIOR FILING DATE: 2002-08-29
 ; PRIOR APPLICATION NUMBER: US 60/408,378

; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1234
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 329
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Human immunodeficiency virus
US-10-420-194-329

Query Match 0.7%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 294 CCAAGATCCCAAGG 307
DB 15 CCAAGATCCCAAGG 2

RESULT 590
US-10-440-850-52
; Sequence 52, Application US/10440850
; Publication No. US20030207837A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwigen, Jim
; TITLE OF INVENTION: Method and Reagent for the Induction of Graft Tolerance and Reversal
; FILE REFERENCE: 250/130 (MEHB00-900-A)
; CURRENT APPLICATION NUMBER: US/10/440,850
; PRIOR FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: US/09/650,012
; PRIOR FILING DATE: 2000-08-28
; PRIOR APPLICATION NUMBER: US 08/585,684
; PRIOR FILING DATE: 1996-01-12
; PRIOR APPLICATION NUMBER: US 60/000,951
; PRIOR FILING DATE: 1995-07-07
; PRIOR APPLICATION NUMBER: US 09/038,073
; PRIOR FILING DATE: 1998-03-11
; NUMBER OF SEQ ID NOS: 2285
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 52
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-440-850-52

Query Match 0.7%; Score 12.4; DB 1; Length 15;
Best Local Similarity 50.0%; Pred. No. 3e+02;
Matches 7; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 785 CTTCTGTTCTGCTG 798
DB 1 CUUCUGUACGUG 14

RESULT 591
US-10-440-850-199/c
; Sequence 199, Application US/10440850
; Publication No. US20030207837A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwigen, Jim
; TITLE OF INVENTION: Method and Reagent for the Induction of Graft Tolerance and Reversal
; FILE REFERENCE: 250/130 (MEHB00-900-A)
; CURRENT APPLICATION NUMBER: US/10/440,850
; PRIOR FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: US/09/650,012
; PRIOR FILING DATE: 2000-08-28
; PRIOR APPLICATION NUMBER: US 08/585,684
; PRIOR FILING DATE: 1996-01-12
; PRIOR APPLICATION NUMBER: US 60/000,951
; PRIOR FILING DATE: 1995-07-07
; PRIOR APPLICATION NUMBER: US 09/038,073
; PRIOR FILING DATE: 1998-03-11
; NUMBER OF SEQ ID NOS: 2285
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 52
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-440-850-52

; FILE REFERENCE: 250/130 (MEHB00-900-A)
; CURRENT APPLICATION NUMBER: US/10/440,850
; PRIOR FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: US/09/650,012
; PRIOR FILING DATE: 2000-08-28
; PRIOR APPLICATION NUMBER: US 08/585,684
; PRIOR FILING DATE: 1996-01-12
; PRIOR APPLICATION NUMBER: US 60/000,951
; PRIOR FILING DATE: 1995-07-07
; PRIOR APPLICATION NUMBER: US 09/038,073
; PRIOR FILING DATE: 1998-03-11
; NUMBER OF SEQ ID NOS: 2285
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 199
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-440-850-199

Query Match 0.7%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1038 AGCTGAAGGAATT 1051
DB 14 AGCTGAAGGAATT 1

RESULT 592
US-10-209-787-4352
; Sequence 4352, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 4352
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Escherichia coli
US-10-209-787-4352

Query Match 0.7%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 637 GACACATTGCCAG 650
DB 1 GACACATTGCCAG 14

RESULT 593
US-10-010-802-159/c
; Sequence 159, Application US/10010802
; Publication No. US20030078220A1
; GENERAL INFORMATION:

; APPLICANT: Genaisance Pharmaceuticals
 ; APPLICANT: Chew, Anne
 ; APPLICANT: Denton, R. Rex
 ; APPLICANT: Duda, Amy
 ; APPLICANT: Nandabalan, Krishnan
 ; APPLICANT: Stephens, J. Claiborne
 ; APPLICANT: Windemuth, Andreas
 ; TITLE OF INVENTION: Drug Target Isogenes: Polymorphisms in the Interleukin
 ; FILE REFERENCE: MMH-0002US2 IL4R alpha
 ; CURRENT APPLICATION NUMBER: US/10/010.802
 ; CURRENT FILING DATE: 2001-11-09
 ; PRIOR APPLICATION NUMBER: PCT/US00/19094
 ; PRIOR FILING DATE: 2000-07-13
 ; NUMBER OF SEQ ID NOS: 413
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 159
 ; LENGTH: 15
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-10-010-802-159

Query Match 0.7%; Score 12.4; DB 1; Length 15;
 Best Local Similarity 92.9%; Pred. No. 3e+02; Mismatches 0; Indels 1; Gaps 0;
 Matches 13; Conservative 0; Mismatches 0; Indels 1; Gaps 0;

QY 1153 CAGAGACAGCCAT 1166
 |||||
 Db 14 CAGTAGACAGCCAT 1

RESULT 594
 US-10-010-802-168
 ; Sequence 168, Application US/10010802
 ; Publication No. US20030078220A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Genaisance Pharmaceuticals
 ; APPLICANT: Chew, Anne
 ; APPLICANT: Denton, R. Rex
 ; APPLICANT: Duda, Amy
 ; APPLICANT: Nandabalan, Krishnan
 ; APPLICANT: Stephens, J. Claiborne
 ; APPLICANT: Windemuth, Andreas
 ; TITLE OF INVENTION: Drug Target Isogenes: Polymorphisms in the Interleukin
 ; FILE REFERENCE: MMH-0002US2 IL4R alpha
 ; CURRENT APPLICATION NUMBER: US/10/010.802
 ; CURRENT FILING DATE: 2001-11-09
 ; PRIOR APPLICATION NUMBER: PCT/US00/19094
 ; PRIOR FILING DATE: 2000-07-13
 ; NUMBER OF SEQ ID NOS: 413
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 168
 ; LENGTH: 15
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-10-010-802-168

Query Match 0.7%; Score 12.4; DB 1; Length 15;
 Best Local Similarity 92.9%; Pred. No. 3e+02; Mismatches 0; Indels 1; Gaps 0;
 Matches 13; Conservative 0; Mismatches 0; Indels 1; Gaps 0;

QY 1277 TGTCTCTGACTTG 1290
 |||||
 Db 1 TGTCTCTGACTTG 14

RESULT 595
 US-09-818-875-4354
 ; Sequence 4354, Application US/09818875
 ; Publication No. US20030051270A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Kmiec, Eric B.

; APPLICANT: Gamper, Howard B.
 ; APPLICANT: Rice, Michael C.
 ; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
 ; FILE REFERENCE: Stranded Oligonucleotides
 ; CURRENT APPLICATION NUMBER: US/09/818.875
 ; CURRENT FILING DATE: 2001-03-27
 ; PRIOR APPLICATION NUMBER: US 60/192.176
 ; PRIOR FILING DATE: 2000-03-27
 ; PRIOR APPLICATION NUMBER: US 60/192.179
 ; PRIOR FILING DATE: 2000-03-27
 ; PRIOR APPLICATION NUMBER: US 60/208.538
 ; PRIOR FILING DATE: 2000-06-01
 ; PRIOR APPLICATION NUMBER: US 60/244.989
 ; PRIOR FILING DATE: 2000-10-30
 ; NUMBER OF SEQ ID NOS: 4385
 ; SOFTWARE: Friedman macro Napro4
 ; SEQ ID NO 4354
 ; LENGTH: 16
 ; TYPE: DNA
 ; ORGANISM: Escherichia coli
 ; US-09-818-875-4354

Query Match 0.7%; Score 12.4; DB 1; Length 16;
 Best Local Similarity 92.9%; Pred. No. 3.4e+02; Mismatches 0; Indels 1; Gaps 0;
 Matches 13; Conservative 0; Mismatches 1; Indels 1; Gaps 0;

QY 637 GACAACATTGCCAG 650
 |||||
 Db 1 GACAGCATTGCCAG 14

RESULT 596
 US-10-300-683-150
 ; Sequence 150, Application US/10300683
 ; Publication No. US20030235834A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Dunlop, Charles L.M.
 ; APPLICANT: Weisel, James M.
 ; TITLE OF INVENTION: APPROACHES TO IDENTIFY CYSTIC FIBROSIS
 ; FILE REFERENCE: CHARDUN.010A
 ; CURRENT APPLICATION NUMBER: US/10/300.683
 ; CURRENT FILING DATE: 2002-11-19
 ; PRIOR APPLICATION NUMBER: 60/333.531
 ; PRIOR FILING DATE: 2001-11-19
 ; NUMBER OF SEQ ID NOS: 554
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 150
 ; LENGTH: 16
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Diagnostic Oligonucleotide
 ; US-10-300-683-150

Query Match 0.7%; Score 12.4; DB 1; Length 16;
 Best Local Similarity 92.9%; Pred. No. 3.4e+02; Mismatches 0; Indels 1; Gaps 0;
 Matches 13; Conservative 0; Mismatches 1; Indels 1; Gaps 0;

QY 796 GTGAGAGAAAGGTGA 809
 |||||
 Db 2 GTGAGAGAAAGTGA 15

RESULT 597
 US-10-300-683-341
 ; Sequence 341, Application US/10300683
 ; Publication No. US20030235834A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Dunlop, Charles L.M.
 ; APPLICANT: Weisel, James M.
 ; TITLE OF INVENTION: APPROACHES TO IDENTIFY CYSTIC FIBROSIS
 ; FILE REFERENCE: CHARDUN.010A

; CURRENT APPLICATION NUMBER: US/10/300,683
; CURRENT FILING DATE: 2002-11-19
; PRIOR APPLICATION NUMBER: 60/333,531
; PRIOR FILING DATE: 2001-11-19
; NUMBER OF SEQ ID NOS: 554
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 341
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Diagnostic Oligonucleotide
US-10-300-683-341

Query Match 0.7%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 796 GTGAAGAAAGGTGA 809
| | | | | | | | | | | | | | | |
Db 2 GTGAAGAAAGATGA 15

RESULT 598
US-10-300-683-517
; Sequence 517, Application US/10300683
; Publication No. US20030235834A1
; GENERAL INFORMATION:
; APPLICANT: Dunlop, Charles L.M.
; APPLICANT: Weisel, James M.
; TITLE OF INVENTION: APPROACHES TO IDENTIFY CYSTIC FIBROSIS
; FILE REFERENCE: CHARDUN.010A
; CURRENT APPLICATION NUMBER: US/10/300,683
; CURRENT FILING DATE: 2002-11-19
; PRIOR APPLICATION NUMBER: 60/333,531
; PRIOR FILING DATE: 2001-11-19
; NUMBER OF SEQ ID NOS: 554
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 517
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Diagnostic Oligonucleotide
US-10-300-683-517

Query Match 0.7%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 796 GTGAAGAAAGGTGA 809
| | | | | | | | | | | | | | | |
Db 2 GTGAAGAAAGATGA 15

RESULT 599
US-10-307-005-2686
; Sequence 2686, Application US/10307005
; Publication No. US20030236208A1
; GENERAL INFORMATION:
; APPLICANT: University of Delaware
; APPLICANT: Eric B. Kmieci
; APPLICANT: Howard B. Ganper
; APPLICANT: Michael C. Rice
; APPLICANT: Jungsup Kim
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
; FILE REFERENCE: Napro/009 PCT
; CURRENT APPLICATION NUMBER: US/10/307,005
; CURRENT FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: PCT/US01/17672
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/208,538

; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ ID NOS: 2717
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2686
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Escherichia coli
US-10-307-005-2686

Query Match 0.7%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 637 GACACATTGCCAG 650
| | | | | | | | | | | | | | | |
Db 1 GACACATTGCCAG 14

RESULT 600
US-10-084-839-3859/c
; Sequence 3859, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Ip, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski, Jr., Robert W.
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lyamichev, Victor
; APPLICANT: Lymaicheva, Natalie B.
; APPLICANT: Ma, WuPo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Teetska Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3859
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-3859

Query Match 0.7%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 993 TGTGATTGATGGA 1006
| | | | | | | | | | | | | | | |
Db 16 TGTGATTGATGGA 3

RESULT 601
 US-10-209-787-4354
 ; Sequence 4354, Application US/10209787
 ; Publication No. US20030217377A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Kmiec, Eric B.
 ; APPLICANT: Gamper, Howard B.
 ; APPLICANT: Rice, Michael C.
 ; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
 ; TITLE OF INVENTION: Stranded Oligonucleotides
 ; FILE REFERENCE: Napro-4
 ; CURRENT APPLICATION NUMBER: US/10/209,787
 ; CURRENT FILING DATE: 2002-07-30
 ; PRIOR APPLICATION NUMBER: US 09/618,875
 ; PRIOR FILING DATE: 2001-03-27
 ; PRIOR APPLICATION NUMBER: US 60/192,176
 ; PRIOR FILING DATE: 2000-03-27
 ; PRIOR APPLICATION NUMBER: US 60/192,179
 ; PRIOR FILING DATE: 2000-03-27
 ; PRIOR APPLICATION NUMBER: US 60/208,538
 ; PRIOR FILING DATE: 2000-06-01
 ; PRIOR APPLICATION NUMBER: US 60/244,989
 ; PRIOR FILING DATE: 2000-10-30
 ; NUMBER OF SEQ ID NOS: 4385
 ; SOFTWARE: Friedman macro Napro4
 ; SEQ ID NO 4354
 ; LENGTH: 16
 ; TYPE: DNA
 ; ORGANISM: Escherichia coli
 US-10-209-787-4354

Query Match 0.7%; Score 12.4; DB 1; Length 16;
 Best Local Similarity 92.9%; Pred. No. 3.4e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 637 GACACATTCGCAG 650
 |||||
 DB 1 GACACATTCGCAG 14

RESULT 602
 US-10-206-839-14
 ; Sequence 14, Application US/10206839
 ; Publication No. US2003009977A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Guida, Marco
 ; APPLICANT: Kurth, Janice
 ; TITLE OF INVENTION: Genotyping Human Phenol Sulfotransferase
 ; TITLE OF INVENTION: (STP2)
 ; FILE REFERENCE: 4389-6 (formerly SEQ-16P)
 ; CURRENT APPLICATION NUMBER: US/10/206,839
 ; CURRENT FILING DATE: 2002-07-26
 ; PRIOR APPLICATION NUMBER: 09/328,174
 ; PRIOR FILING DATE: 1999-06-08
 ; NUMBER OF SEQ ID NOS: 110
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 14
 ; LENGTH: 16
 ; TYPE: DNA
 ; ORGANISM: H. sapiens
 US-10-206-839-14

Query Match 0.7%; Score 12.4; DB 1; Length 16;
 Best Local Similarity 92.9%; Pred. No. 3.4e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1086 GCAGGACTTGGCT 1099
 |||||
 DB 1 GCAGGACTTGGCT 14

RESULT 603

US-09-866-108-1789
 ; Sequence 1789, Application US/09866108
 ; Patent No. US20020048800A1
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: AEONICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00662
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00661
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00670
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: US 60/234,687
 ; PRIOR FILING DATE: 2000-09-21
 ; PRIOR APPLICATION NUMBER: US 60/266,860
 ; PRIOR FILING DATE: 2001-02-05
 ; NUMBER OF SEQ ID NOS: 15752
 ; SOFTWARE: Aeonica Sequence Listing Engine
 ; SEQ ID NO 1789
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-866-108-1789

Query Match 0.7%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 3.7e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1593 CCAGAGGAGGCT 1606
 |||||
 DB 4 CCAGAGGAGGCT 17

RESULT 604
 US-09-866-108-1790
 ; Sequence 1790, Application US/09866108
 ; Patent No. US20020048800A1
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1792
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-1792

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1593 CCAGAGGAGGGT 1606
|||||
Db 1 CCAGAGGAGGGT 14

RESULT 607

US-09-866-108-2281
; Sequence 2281, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
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; PRIOR APPLICATION NUMBER: PCT/US01/00662
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; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 2282
; LENGTH: 17
; TYPE: DNA

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 2281
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-2281

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 667 GGCTCTGTGACCAT 680
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Db 4 GGCTCTGTGACCAT 17

RESULT 608

US-09-866-108-2282
; Sequence 2282, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
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; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 2282
; LENGTH: 17
; TYPE: DNA


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? APPLICANT: HANZEL, David K.
? APPLICANT: RANK, David R.
? APPLICANT: CHEN, Wensheng
? APPLICANT: SHANNON, Mark
? TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
? FILE REFERENCE: AEOMICA-7
? CURRENT APPLICATION NUMBER: US/09/866,108
? CURRENT FILING DATE: 2001-05-25
? PRIOR APPLICATION NUMBER: US 60/207,456
? PRIOR FILING DATE: 2000-05-26
? PRIOR APPLICATION NUMBER: GB 24263.6
? PRIOR FILING DATE: 2000-10-04
? PRIOR APPLICATION NUMBER: US 60/236,359
? PRIOR FILING DATE: 2000-09-27
? PRIOR APPLICATION NUMBER: PCT/US01/00666
? PRIOR FILING DATE: 2001-01-30
? PRIOR APPLICATION NUMBER: PCT/US01/00667
? PRIOR FILING DATE: 2001-01-30
? PRIOR APPLICATION NUMBER: PCT/US01/00664
? PRIOR FILING DATE: 2001-01-30
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? PRIOR APPLICATION NUMBER: PCT/US01/00670
? PRIOR FILING DATE: 2001-01-30
? PRIOR APPLICATION NUMBER: US 60/234,687
? PRIOR FILING DATE: 2000-09-21
? PRIOR APPLICATION NUMBER: US 60/266,860
? PRIOR FILING DATE: 2001-02-05
? NUMBER OF SEQ ID NOS: 15752
? SOFTWARE: Aecomica Sequence Listing Engine
? SEQ ID NO 6519
? LENGTH: 17
? TYPE: DNA
? ORGANISM: Homo sapiens
US-09-866-108-6519

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 227 CTCACCCGAGCCT 240
Db 4 CACCACCCGAGCCT 17
|||||
|

RESULT 612
US-09-866-108-6758
? Sequence 6758, Application US/09866108
? Patent No. US2002004800A1
? GENERAL INFORMATION:
? APPLICANT: GU, Yizhong
? APPLICANT: JI, Yonggang
? APPLICANT: PENN, Sharron G.
? APPLICANT: HANZEL, David K.
? APPLICANT: RANK, David R.
? APPLICANT: CHEN, Wensheng
? APPLICANT: SHANNON, Mark
? TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
? FILE REFERENCE: AEOMICA-7
? CURRENT APPLICATION NUMBER: US/09/866,108
? CURRENT FILING DATE: 2001-05-25
? PRIOR APPLICATION NUMBER: US 60/207,456
? PRIOR FILING DATE: 2000-05-26
? PRIOR APPLICATION NUMBER: GB 24263.6
? PRIOR FILING DATE: 2000-10-04
? PRIOR APPLICATION NUMBER: US 60/236,359
? PRIOR FILING DATE: 2000-09-27
? PRIOR APPLICATION NUMBER: PCT/US01/00666
? PRIOR FILING DATE: 2001-01-30
? PRIOR APPLICATION NUMBER: PCT/US01/00667
? PRIOR FILING DATE: 2001-01-30
? PRIOR APPLICATION NUMBER: PCT/US01/00664
? PRIOR FILING DATE: 2001-01-30
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? PRIOR APPLICATION NUMBER: GB 24263.6
? PRIOR FILING DATE: 2000-10-04
? PRIOR APPLICATION NUMBER: US 60/236,359
? PRIOR FILING DATE: 2000-09-27
? PRIOR APPLICATION NUMBER: PCT/US01/00666
? PRIOR FILING DATE: 2001-01-30
? PRIOR APPLICATION NUMBER: PCT/US01/00667
? PRIOR FILING DATE: 2001-01-30
? PRIOR APPLICATION NUMBER: PCT/US01/00664
? PRIOR FILING DATE: 2001-01-30
? PRIOR APPLICATION NUMBER: PCT/US01/00669
? PRIOR FILING DATE: 2001-01-30
? PRIOR APPLICATION NUMBER: PCT/US01/00665
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? PRIOR APPLICATION NUMBER: PCT/US01/00668
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? PRIOR APPLICATION NUMBER: PCT/US01/00663
? PRIOR FILING DATE: 2001-01-30
? PRIOR APPLICATION NUMBER: PCT/US01/00662
? PRIOR FILING DATE: 2001-01-30
? PRIOR APPLICATION NUMBER: PCT/US01/00661
? PRIOR FILING DATE: 2001-01-30
? PRIOR APPLICATION NUMBER: PCT/US01/00670
? PRIOR FILING DATE: 2001-01-30
? PRIOR APPLICATION NUMBER: US 60/234,687
? PRIOR FILING DATE: 2000-09-21
? PRIOR APPLICATION NUMBER: US 60/266,860
? PRIOR FILING DATE: 2001-02-05
? NUMBER OF SEQ ID NOS: 15752
? SOFTWARE: Aecomica Sequence Listing Engine
? SEQ ID NO 6758
? LENGTH: 17
? TYPE: DNA
? ORGANISM: Homo sapiens
US-09-866-108-6758

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 904 GAGGAGCTCTTGA 917
Db 4 GAGGAGCTCTTGA 17
|||||
|

RESULT 613
US-09-866-108-6764
? Sequence 6764, Application US/09866108
? Patent No. US2002004800A1
? GENERAL INFORMATION:
? APPLICANT: GU, Yizhong
? APPLICANT: JI, Yonggang
? APPLICANT: PENN, Sharron G.
? APPLICANT: HANZEL, David K.
? APPLICANT: RANK, David R.
? APPLICANT: CHEN, Wensheng
? APPLICANT: SHANNON, Mark
? TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
? FILE REFERENCE: AEOMICA-7
? CURRENT APPLICATION NUMBER: US/09/866,108
? CURRENT FILING DATE: 2001-05-25
? PRIOR APPLICATION NUMBER: US 60/207,456
? PRIOR FILING DATE: 2000-05-26
? PRIOR APPLICATION NUMBER: GB 24263.6
? PRIOR FILING DATE: 2000-10-04
? PRIOR APPLICATION NUMBER: US 60/236,359
? PRIOR FILING DATE: 2000-09-27
? PRIOR APPLICATION NUMBER: PCT/US01/00666
? PRIOR FILING DATE: 2001-01-30
? PRIOR APPLICATION NUMBER: PCT/US01/00667
? PRIOR FILING DATE: 2001-01-30
? PRIOR APPLICATION NUMBER: PCT/US01/00664
? PRIOR FILING DATE: 2001-01-30
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; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 6764
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-6764

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 907 GAGCTCTGGAGAC 920
DB 1 GAGCTCTGGAGAC 14
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RESULT 614

US-09-866-108-7028/c
; Sequence 7028, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Acomica Sequence Listing Engine

; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 7028
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7028

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 654 TGGAGGGAACCCAG 667
DB 17 TGGAGGGAACCAAG 4
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RESULT 615

US-09-866-108-7029/c
; Sequence 7029, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
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; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Acomica Sequence Listing Engine

; SEQ ID NO 7029

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108-7029

Query Match 0.7%; Score 12.4; DB 1; Length 17;

; Best Local Similarity 92.9%; Pred. No. 3.7e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 654 TGGAGGGAACCCAG 667

Db 16 TGGAGGGAACCAAG 3

RESULT 616

US-09-866-108-7030/c

; Sequence 7030, Application US/09866108

; Patent No. US20020048800A1

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEWICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

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; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

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; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00670

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00670

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: US 60/234,687

; PRIOR FILING DATE: 2000-09-21

; PRIOR APPLICATION NUMBER: US 60/266,860

; PRIOR FILING DATE: 2001-02-05

; NUMBER OF SEQ ID NOS: 15752

; SOFTWARE: Aesomica Sequence Listing Engine

; SEQ ID NO 7030

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108-7030

Query Match

; Best Local Similarity 0.7%; Score 12.4; DB 1; Length 17;

; Sequence 7245, Application US/09866108

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 654 TGGAGGGAACCCAG 667

Db 15 TGGAGGGAACCAAG 2

RESULT 617

US-09-866-108-7031/c

; Sequence 7031, Application US/09866108

; Patent No. US20020048800A1

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEWICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

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; PRIOR APPLICATION NUMBER: PCT/US01/00665

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; PRIOR APPLICATION NUMBER: PCT/US01/00668

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; PRIOR APPLICATION NUMBER: PCT/US01/00670

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: US 60/234,687

; PRIOR FILING DATE: 2000-09-21

; PRIOR APPLICATION NUMBER: US 60/266,860

; PRIOR FILING DATE: 2001-02-05

; NUMBER OF SEQ ID NOS: 15752

; SOFTWARE: Aesomica Sequence Listing Engine

; SEQ ID NO 7031

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108-7031

Query Match

; Best Local Similarity 0.7%; Score 12.4; DB 1; Length 17;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 7245
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7245

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 684 TGGAGAGTCAGCGG 697
Db 4 TGGAGAGTCAGCGG 17

RESULT 619
US-09-866-108-7249
; Sequence 7249, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
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; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 7249
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7249

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 685 GGAGAGTCAGCGG 698
Db 1 GGAGAGTCAGCGG 14

RESULT 620
US-09-866-108-7403
; Sequence 7403, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
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/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Aeomica Sequence Listing Engine
/ SEQ ID NO 7403
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108-7403
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Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY 1243 GGAGGACAGACGA 1256
Db 4 GGAGGACAGACGA 17
```

```
RESULT 621
US-09-866-108-7404
/ Sequence 7404, Application US/09866108
/ Patent No. US20020048800A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
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/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
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/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
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/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Aeomica Sequence Listing Engine
/ SEQ ID NO 7404
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108-7404
```

```
Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY 1243 GGAGGACAGACGA 1256
Db 3 GGAGGACAGACGA 16
```

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RESULT 622
US-09-866-108-7405
/ Sequence 7405, Application US/09866108
/ Patent No. US20020048800A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
```



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; Sequence 8315, Application US/09866108
; Patent No. US20020048900A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHENON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRES
; FILE REFERENCE: A6MICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,455
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/006656
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006657
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006654
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006659
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006655
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006658
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006653
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006652
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006651
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: A6MICA Sequence Listing Engine
; SEQ ID NO 8315
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-8315

```

```

Query Match          0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

Qy 979 CCCCTTCTGGGCAC 992
Db 1 CTCCTTCTGGGCAC 14

RESULT 626
US-09-866-108-9313/c
; Sequence 9313, Application US/09866108
; Patent No. US2003004800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David R.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark

```

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aemica Sequence Listing Engine
; SEQ ID NO 9313
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108-9313

```

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels

Qy 1004 GGATGCTGCTGCTG 1017
Db 17 GGATGCGGCTGCTG 4

RESULT 627
US-09-866-108-9314/c
; Sequence 9314, Application US/09866108
; Patent No. US2002004800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27

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; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 9314
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-9314

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Query Match          0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

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QY 1004 GGATGCTGCTGCTG 1017
DB 16 GGATGCGGCTGCTG 3

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RESULT 628
US-09-866-108-9315/c
; Sequence 9315, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30

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; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 9315
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-9315

```

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Query Match          0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 1004 GGATGCTGCTGCTG 1017
DB 15 GGATGCGGCTGCTG 2

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RESULT 629
US-09-866-108-9315/c
; Sequence 9316, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30

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RESULT 632

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US-09-866-108-9648
; Sequence 9648, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
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; PRIOR APPLICATION NUMBER: PCT/US01/00668
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; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 9648
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-9648

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Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 959 GAGACCCAGAGAG 972
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Db 2 GAGACCCAGAGAG 15
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RESULT 633

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US-09-866-108-9649
; Sequence 9649, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6

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; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 9649
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-9649

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Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 959 GAGACCCAGAGAG 972
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Db 1 GAGACCCAGAGAG 14
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RESULT 634

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US-09-866-108-10123/c
; Sequence 10123, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6

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/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/006666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/006657
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/006664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/006659
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/006655
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/006668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/006663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/006662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/006661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/006670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,697
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Aeonica Sequence Listing Engine
/ SEQ ID NO 10123
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108-10123

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Query Match      0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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Qy 874 ATGGTTCACTGCCT 887
Db 17 ATGGGTCACTGCCT 4

RESULT 635

US-09-866-108-10124/c
; Sequence 10124, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AROMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/006666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006657
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006669

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, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/00665
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/00668
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/00663
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/00662
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/00661
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/00670
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: US 60/234,697
, PRIOR FILING DATE: 2000-09-21
, PRIOR APPLICATION NUMBER: US 60/266,860
, PRIOR FILING DATE: 2001-02-05
, NUMBER OF SEQ ID NOS: 15752
, SOFTWARE: Aecidea Sequence Listing Engine
, SEQ ID NO 10124
, LENGTH: 17
, TYPE: DNA
, ORGANISM: Homo sapiens
US-09-866-108-10124

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Query Match      0.7%   Score 12.4;   DB 1;   Length 17;
Best Local Similarity 92.9%   Pred. No. 3.7e+02;
Matches 13;   Conservative 0;   Mismatches 1;   Indels 0;   Gaps 0;

QY      874   ATGGTTCACGTGCT 887
          |||||
Db       16   ATGGGTCACTGCT 3

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RESULT 636
US-09-866-108-10125/c
Sequence 10125, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866.108

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/ FILE REFERENCE: AEOMTICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/006666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/006667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/006664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/006669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/006665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/006668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/006663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/006662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/006661

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 10125
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-10125

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 874 ATGGTTCACGCT 887
|||||
Db 15 ATGGTTCACGCT 2

RESULT 637

US-09-866-108-10126/c
; Sequence 10126, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 10126

; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-10126

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 874 ATGGTTCACGCT 887
|||||
Db 14 ATGGTTCACGCT 1

RESULT 638

US-09-866-108-10634/c
; Sequence 10634, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 10634
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-10634

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 51 GGCCACTCTCTG 64

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Db      17  GCCCAGTCTCTCTG 4
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RESULT 639
US-09-866-108-10640/c
; Sequence 10640, Application US/09966108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 10640
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-10640
Query Match      0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      48  CTTGCCACTCTCT 61
||||| ||||| |||||
Db      14  CTTGCCACTCTCT 1
||||| ||||| |||||
RESULT 640
US-09-969-373-3467/c
; Sequence 3467, Application US/09969373
; Patent No. US20020133852A1
; GENERAL INFORMATION:
; APPLICANT: Effertz, Roger J.
; APPLICANT: Hauge, Brian M.
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; CURRENT FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 09/760,427
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/855,768
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 3467
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-3467
Query Match      0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      894  GAAGACGGAAGAGG 907
||||| ||||| |||||
Db      17  GAGGACGGAAGAGG 4
||||| ||||| |||||
RESULT 641
US-09-872-462-161/c
; Sequence 161, Application US/09872462
; Patent No. US20020169295A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Corrigan, Amy
; TITLE OF INVENTION: HUMAN NEDD1
; FILE REFERENCE: AEOMICA-9
; CURRENT APPLICATION NUMBER: US/09/872,462
; CURRENT FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; NUMBER OF SEQ ID NOS: 473
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 161
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-872-462-161
Query Match      0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1397  CATCAGACATGAAA 1410
||||| ||||| |||||
```


Db 15 CATCAGGCATGAAA 2
||||| |||||

RESULT 642

US-09-872-462-162/c
; Sequence 162, Application US/09872462
; Patent No. US20020169295A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Corrigan, Amy
; TITLE OF INVENTION: HUMAN NEDD1
; FILE REFERENCE: AEOMICA-9
; CURRENT APPLICATION NUMBER: US/09/872,462
; CURRENT FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; NUMBER OF SEQ ID NOS: 473
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 152
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-872-462-162

Query Match 0.7%; Score 12.4; DB 1; Length 17;

Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1397 CATCAGCATGAAA 1410
||||| |||||

Db 14 CATCAGGCATGAAA 1

RESULT 643

US-09-864-785-213
; Sequence 213, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: 400/022 (MEHB00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 213
; LENGTH: 17
; TYPE: RNA

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-213

Query Match 0.7%; Score 12.4; DB 1; Length 17;

Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 231 ACCGAGCGCTGCAG 244
||||| |||||

Db 4 ACCCCAGCCUGCAG 17

RESULT 644

US-09-864-785-214
; Sequence 214, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: 400/022 (MEHB00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 214
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-214

Query Match 0.7%; Score 12.4; DB 1; Length 17;

Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 231 ACCGAGCGCTGCAG 244
||||| |||||

Db 1 ACCCCAGCCUGCAG 14

RESULT 645

US-09-864-785-421/c
; Sequence 421, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: 400/022 (MEHB00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 421
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-421

Query Match 0.7%; Score 12.4; DB 1; Length 17;

Best Local Similarity 92.9%; Pred. No. 3.7e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 576 TGAACACAGCGGG 589
Db 16 TGAACACAGCTGGG 3

RESULT 646

US-09-864-785-588/c
; Sequence 588, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MEHB00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 588
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-588

Query Match 0.7%; Score 12.4; DB 1; Length 17;

Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1639 CAGAAGCTGAGGA 1652
Db 17 CAGAAGCTGGAGGA 4

RESULT 647

US-09-864-785-590/c
; Sequence 590, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MEHB00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 590
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-590

Query Match 0.7%; Score 12.4; DB 1; Length 17;

Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1638 CCAGAAGCTGAGG 1651
Db 14 CCAGAAGCTGGAGG 1

RESULT 648

US-09-864-785-1519
; Sequence 1519, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MEHB00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1519
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-1519

Query Match 0.7%; Score 12.4; DB 1; Length 17;

Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 231 ACCCGAGCTGCAG 244
Db 3 ACCCGAGCTGCAG 16

RESULT 649

US-09-864-785-1599/c
; Sequence 1599, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MEHB00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1599
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-1599

Query Match 0.7%; Score 12.4; DB 1; Length 17;

Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 576 TGAACACAGCGGG 589
Db 15 TGAACACAGCTGGG 2

RESULT 650

US-09-864-785-2051
; Sequence 2051, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan

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; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MBH00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2051
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-2051

Query Match          0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 64.3%; Pred. No. 3.7e+02;
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 1436 GGGATGAGCTCTTC 1449
      |||||:|:|:|
Db 1 GCGAUGAGAGUCUUC 14

RESULT 651
US-09-730-289B-194/c
; Sequence 194, Application US/09730289B
; Publication No. US20030050259A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for Treatment of Cardiac Disease
; FILE REFERENCE: MBH00-864-A (400/006)
; CURRENT APPLICATION NUMBER: US/09/730,289B
; CURRENT FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: US 60/169,100
; PRIOR FILING DATE: 1999-12-06
; NUMBER OF SEQ ID NOS: 3897
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 194
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-730-289B-194

Query Match          0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1229 CTGAGAAATACCTTA 1242
      |||||:|:|:|
Db 14 CTGAAAAATACCTTA 1

RESULT 652
US-09-730-289B-779/c
; Sequence 779, Application US/09730289B
; Publication No. US20030050259A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for Treatment of Cardiac Disease
; FILE REFERENCE: MBH00-864-A (400/006)
; CURRENT APPLICATION NUMBER: US/09/730,289B
; CURRENT FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: US 60/169,100
; PRIOR FILING DATE: 1999-12-06
; NUMBER OF SEQ ID NOS: 3897
; SOFTWARE: PatentIn version 3.0
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```
; SEQ ID NO 779
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-730-289B-779
```

```
Query Match          0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 1290 GATAGCAGATGTGA 1303
      |||||:|:|:|
Db 14 GATACAGATGTGA 1
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```
RESULT 653
US-09-780-533A-2328
; Sequence 2328, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowirra, Bharat
; APPLICANT: Haeblerli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBH00-878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2328
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-2328
```

```
Query Match          0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 3.7e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 1341 CAGAGATGCTGGAG 1354
      |||||:|:|:|
Db 4 CAGAGAUGGUGGAG 17
```

```
RESULT 654
US-09-877-478-953
; Sequence 953, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; SOFTWARE: PatentIn version 3.0
```

;
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 953
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-953

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 414 CAAGAAACAGGC 427
|||:|||||
Db 4 CAAGCAACAGGC 17

RESULT 655
US-09-848-754A-376
; Sequence 376, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 376
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-376

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 64.3%; Pred. No. 3.7e+02;
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 555 GGGATTCTTCAGCA 568
|||:|||||
Db 4 GGGCUUCUACGCA 17

RESULT 656
US-09-848-754A-377
; Sequence 377, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 377
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-377

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 64.3%; Pred. No. 3.7e+02;
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 555 GGGATTCTTCAGCA 568
|||:|||||
Db 3 GGGCUUCUACGCA 16

RESULT 657
US-09-848-754A-378
; Sequence 378, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 378
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-378

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 64.3%; Pred. No. 3.7e+02;
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 555 GGGATTCTTCAGCA 568
|||:|||||
Db 1 GGGCUUCUACGCA 14

RESULT 658
US-09-848-754A-953
; Sequence 953, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 953
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-953

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 3.7e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 502 GCTGCCCATGAAA 515
|||:|||||
Db 4 GCUGCCCAUGAGAA 17

RESULT 659
US-09-848-754A-954
; Sequence 954, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645

; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 954
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-954

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 3.7e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 502 GCTGCCCATGAAA 515
||:|||||:||||
Db 3 GCUGCCCAUGAGAA 16

RESULT 660

US-09-848-754A-955
; Sequence 955, Application US/09848754A
; Publication No. US20030073207A1

GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03

; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 955
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens

US-09-848-754A-955

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 3.7e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 502 GCTGCCCATGAAA 515
||:|||||:||||
Db 2 GCUGCCCAUGAGAA 15

RESULT 661

US-09-848-754A-1032/c
; Sequence 1032, Application US/09848754A
; Publication No. US20030073207A1

GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03

; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1032
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens

US-09-848-754A-1032

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 234 GCAGCCTGCAGAAC 247
|||||:|||||
Db 15 GCAGCCTGCAGAAC 2

RESULT 662

US-09-848-754A-1568
; Sequence 1568, Application US/09848754A
; Publication No. US20030073207A1

GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03

; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1568
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens

US-09-848-754A-1568

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 64.3%; Pred. No. 3.7e+02;
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 555 GGGATTCTTCAGCA 568
|||:|||||
Db 2 GGGCUUCUCAGCA 15

RESULT 663

US-09-848-754A-2241/c
; Sequence 2241, Application US/09848754A
; Publication No. US20030073207A1

GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03

; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2241
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens

US-09-848-754A-2241

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 234 GCAGCCTGCAGAAC 247
|||||:|||||
Db 17 GCAGCCTGCAGAAC 4

RESULT 664

US-09-848-754A-2691
; Sequence 2691, Application US/09848754A
; Publication No. US20030073207A1

GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03

; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2691
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens

US-09-848-754A-2691

Query Match 0.7%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 64.3%; Pred. No. 3.7e+02;
 Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 702 AGAAGTGTCTGTG 715
 |||||:|:|:|:
 Db 4 AAAAAGUGUCUCUG 17

RESULT 665

US-09-848-754A-2692
 ; Sequence 2692, Application US/09848754A
 ; Publication No. US20030073207A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
 ; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
 ; FILE REFERENCE: MBHB00-958-I (400/018)
 ; CURRENT APPLICATION NUMBER: US/09/848,754A
 ; CURRENT FILING DATE: 2001-05-03
 ; NUMBER OF SEQ ID NOS: 9645
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 2692
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 ; US-09-848-754A-2692

Query Match 0.7%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 64.3%; Pred. No. 3.7e+02;
 Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 702 AGAAGTGTCTGTG 715
 |||||:|:|:|:
 Db 2 AAAAAGUGUCUCUG 15

RESULT 666

US-09-848-754A-3195/C
 ; Sequence 3195, Application US/09848754A
 ; Publication No. US20030073207A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
 ; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
 ; FILE REFERENCE: MBHB00-958-I (400/018)
 ; CURRENT APPLICATION NUMBER: US/09/848,754A
 ; CURRENT FILING DATE: 2001-05-03
 ; NUMBER OF SEQ ID NOS: 9645
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 3195
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 ; US-09-848-754A-3195

Query Match 0.7%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 3.7e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 234 GCAGCCTGCAGAAC 247
 |||||:|:|:|:
 Db 14 GCAGCCTGCAGCAC 1

RESULT 667

US-09-776-474-738
 ; Sequence 738, Application US/09776474
 ; Publication No. US20030087847A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Jarvis, Thale

; APPLICANT: Boeber, Robert
 ; APPLICANT: Holman, Patricia
 ; APPLICANT: Fattaey, Ali
 ; APPLICANT: McSwiggen, Jim
 ; TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (
 ; FILE REFERENCE: MBHB00-955-A (400/008)
 ; CURRENT APPLICATION NUMBER: US/09/776,474
 ; CURRENT FILING DATE: 2001-02-02
 ; PRIOR APPLICATION NUMBER: US 60/179,983
 ; PRIOR FILING DATE: 2000-03-02
 ; NUMBER OF SEQ ID NOS: 2992
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 738
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
 ; US-09-776-474-738

Query Match 0.7%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 64.3%; Pred. No. 3.7e+02;
 Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 791 TTCTGCTGAAGAAA 804
 :||:|:|:|:|:
 Db 2 UUCUAGUGAAGAAA 15

RESULT 668

US-09-776-474-847
 ; Sequence 847, Application US/09776474
 ; Publication No. US20030087847A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Jarvis, Thale
 ; APPLICANT: Boeber, Robert
 ; APPLICANT: Holman, Patricia
 ; APPLICANT: Fattaey, Ali
 ; APPLICANT: McSwiggen, Jim
 ; TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (
 ; FILE REFERENCE: MBHB00-955-A (400/008)
 ; CURRENT APPLICATION NUMBER: US/09/776,474
 ; CURRENT FILING DATE: 2001-02-02
 ; PRIOR APPLICATION NUMBER: US 60/179,983
 ; PRIOR FILING DATE: 2000-03-02
 ; NUMBER OF SEQ ID NOS: 2992
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 847
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
 ; US-09-776-474-847

Query Match 0.7%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 64.3%; Pred. No. 3.7e+02;
 Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 791 TTCTGCTGAAGAAA 804
 :||:|:|:|:|:
 Db 4 UUCUAGUGAAGAAA 17

RESULT 669

US-09-780-164-308
 ; Sequence 308, Application US/09780164
 ; Publication No. US20030092646A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.

```
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 308
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-308

Query Match      0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 57.1%; Pred. No. 3.7e+02;
Matches 8; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 184 GGAATCCCTTTTGC 197
Db 4 GGAGUCCCUUUGC 17

RESULT 670
US-09-780-164-646
; Sequence 646, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 646
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-646

Query Match      0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 57.1%; Pred. No. 3.7e+02;
Matches 8; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 184 GGAATCCCTTTTGC 197
Db 3 GGAGUCCCUUUGC 16

RESULT 671
US-09-780-164-647
; Sequence 647, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 647
```

```
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-647

Query Match      0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 57.1%; Pred. No. 3.7e+02;
Matches 8; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 184 GGAATCCCTTTTGC 197
Db 2 GGAGUCCCUUUGC 15

RESULT 672
US-09-780-164-648
; Sequence 648, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 648
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-648

Query Match      0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 57.1%; Pred. No. 3.7e+02;
Matches 8; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 184 GGAATCCCTTTTGC 197
Db 1 GGAGUCCCUUUGC 14

RESULT 673
US-09-780-164-881/c
; Sequence 881, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 881
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-881

Query Match      0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1463 CCCCATTTTTAAAA 1476
| | | | | | | | | | | | | | | |
```

Db 14 CTCCATTTTTAAAA 1

RESULT 674

US-09-780-164-1031/c
; Sequence 1031, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1031
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-1031

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 712 TCTGTTCTTTGTTTT 725

Db 15 TCTGTTCTTTT 2

RESULT 675

US-09-902-176A-18
; Sequence 18, Application US/09902176A
; Publication No. US20030099943A1
; GENERAL INFORMATION:
; APPLICANT: Schreiber, Stefan
; APPLICANT: Hampe, Jochen
; TITLE OF INVENTION: Diagnostic Use of Polymorphisms in the Gene Coding for
; TITLE OF INVENTION: the TNF Receptor II and Method for Detecting
; TITLE OF INVENTION: No. US20030099943A1-Responders to Anti-TNF-Therapy
; FILE REFERENCE: 25481-P001US
; CURRENT APPLICATION NUMBER: US/09/902,176A
; CURRENT FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: EP 00114786.7
; PRIOR FILING DATE: 2000-07-10
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Reverse Primer
US-09-902-176A-18

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1689 GAAGGCGAGTGGAGA 1702

Db 1 GAGGCGAGTGGAGA 14

RESULT 676

US-09-740-332-365/c
; Sequence 365, Application US/09740332
; Publication No. US20030125270A1

GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 365
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-365

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 769 AGTGGCGTGGCCCT 782

Db 16 AGTGGTGGCCCT 3

RESULT 677

US-09-740-332-366/c
; Sequence 366, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 366
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-366

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 769 AGTGGCGTGGCCCT 782

Db 14 AGTGGTGGCCCT 1

RESULT 678

US-09-740-332-596/c
; Sequence 596, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 596

; LENGTH: 17

; TYPE: RNA

; ORGANISM: artificial sequence

; FEATURE:

; NAME/KEY: misc_feature

; LOCATION:

; OTHER INFORMATION: oligonucleotide substrate

US-09-740-332-596

Query Match 0.7%; Score 12.4; DB 1; Length 17;

Best Local Similarity 92.9%; Pred. No. 3.7e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 789 TGTTCGTGGAAGA 802

|||||

Db 17 TGTTCGTGGAAGA 4

RESULT 679

US-09-740-332-2338

; Sequence 2338, Application US/09740332

; Publication No. US20030125270A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals Inc.

; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related

; FILE REFERENCE: RPI 400/003

; CURRENT APPLICATION NUMBER: US/09/740,332

; CURRENT FILING DATE: 2001-03-26

; NUMBER OF SEQ ID NOS: 9704

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 2338

; LENGTH: 17

; TYPE: RNA

; ORGANISM: artificial sequence

; FEATURE:

; NAME/KEY: misc_feature

; LOCATION:

; OTHER INFORMATION: oligonucleotide substrate

US-09-740-332-2338

Query Match 0.7%; Score 12.4; DB 1; Length 17;

Best Local Similarity 78.6%; Pred. No. 3.7e+02;

Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 610 CAGGTGGCGCCCT 623

|||||

Db 3 CAGGUGGCGCCCU 16

RESULT 680

US-09-740-332-3959

; Sequence 3959, Application US/09740332

; Publication No. US20030125270A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals Inc.

; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related

; FILE REFERENCE: RPI 400/003

; CURRENT APPLICATION NUMBER: US/09/740,332

; CURRENT FILING DATE: 2001-03-26

; NUMBER OF SEQ ID NOS: 9704

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 3959

; LENGTH: 17

; TYPE: RNA

; ORGANISM: artificial sequence

; FEATURE:

; NAME/KEY: misc_feature

; LOCATION:

; OTHER INFORMATION: oligonucleotide substrate

US-09-740-332-3959

Query Match 0.7%; Score 12.4; DB 1; Length 17;

Best Local Similarity 57.1%; Pred. No. 3.7e+02;

Matches 8; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 789 TGTTCGTGGAAGA 802

|||||

Db 2 UGUUCUGGUGGAGA 15

RESULT 681

US-09-740-332-4190

; Sequence 4190, Application US/09740332

; Publication No. US20030125270A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals Inc.

; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related

; FILE REFERENCE: RPI 400/003

; CURRENT APPLICATION NUMBER: US/09/740,332

; CURRENT FILING DATE: 2001-03-26

; NUMBER OF SEQ ID NOS: 9704

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 4190

; LENGTH: 17

; TYPE: RNA

; ORGANISM: artificial sequence

; FEATURE:

; NAME/KEY: misc_feature

; LOCATION:

; OTHER INFORMATION: oligonucleotide substrate

US-09-740-332-4190

Query Match 0.7%; Score 12.4; DB 1; Length 17;

Best Local Similarity 71.4%; Pred. No. 3.7e+02;

Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 769 AGTGGCGTGGCCCT 782

|||||

Db 3 AGUGUGUGGCCCU 16

RESULT 682

US-10-300-683-265

; Sequence 265, Application US/10300683

; Publication No. US20030235834A1

; GENERAL INFORMATION:

; APPLICANT: Dunlop, Charles L.M.

; APPLICANT: Weisel, James M.

; TITLE OF INVENTION: APPROACHES TO IDENTIFY CYSTIC FIBROSIS

; FILE REFERENCE: CHARDUN.010A

; CURRENT APPLICATION NUMBER: US/10/300,683

; CURRENT FILING DATE: 2002-11-19

; PRIOR APPLICATION NUMBER: 60/333,531

; PRIOR FILING DATE: 2001-11-19

; NUMBER OF SEQ ID NOS: 554

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 265

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Diagnostic Oligonucleotide

US-10-300-683-265

Query Match 0.7%; Score 12.4; DB 1; Length 17;

Best Local Similarity 92.9%; Pred. No. 3.7e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 479 CAACCTATGATGGG 492

|||||

Db 1 CAATCTATGATGGG 14

```
RESULT 663
US-09-792-818-782/c
; Sequence 782, Application US/09782818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ita
; APPLICANT: McSwiggen, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse
; FILE REFERENCE: (GRID) Gene
; FILE REFERENCE: MHBH00-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 2304
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 782
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-792-818-782

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1673 CCAACCTCTTTGCC 1686
DB 14 CCAACCTCTTTGCC 1

RESULT 684
US-10-238-700-137
; Sequence 137, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MHBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-03-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 137
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-137

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 3.7e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1502 GACTTAGCAAGATG 1515
DB 3 GACUAGCAAGAAG 16

RESULT 685
US-10-238-700-294
; Sequence 294, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
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; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Lev
; FILE REFERENCE: 400/057 (MHBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 294
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-294

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 35.7%; Pred. No. 3.7e+02;
Matches 5; Conservative 8; Mismatches 1; Indels 0; Gaps 0;

QY 721 GTTTGCTCTCCATT 734
DB 4 GUUUGUCUCCUUU 17

RESULT 686
US-10-238-700-2877/c
; Sequence 2877, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Lev
; FILE REFERENCE: 400/057 (MHBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2877
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-2877

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 903 AGAGGAGCTCTTGG 916
DB 16 AGAGGAGCTCTTGG 3

RESULT 687
US-10-238-700-3392/c
; Sequence 3392, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Lev
; FILE REFERENCE: 400/057 (MHBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
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; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3392
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-3392

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 301 CCCAAGCGGGGCA 314
Db 16 CCCAAGCGAGGGCA 3

RESULT 688

US-10-238-700-3639/c
; Sequence 3639, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (WBH801-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3639
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-3639

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1434 CGGGGATGAGCTCT 1447
Db 15 CGGGGATGGCTCT 2

RESULT 689

US-10-061-201-1951
; Sequence 1951, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Ascomica Sequence Listing Engine
; SEQ ID NO 1951
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1951

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 516 CGTGGTGGTGTGA 529
Db 4 CGTGGTGGTGGAGA 17

RESULT 690

US-10-061-201-1952
; Sequence 1952, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Ascomica Sequence Listing Engine
; SEQ ID NO 1952
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1952

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 516 CGTGGTGGTGTGA 529
Db 3 CGTGGTGGTGGAGA 16

RESULT 691

US-10-061-201-1953
; Sequence 1953, Application US/10061201
; Publication No. US20030166229A1

GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1953
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1953

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 516 CGTGGTGGTGTGA 529
DB 2 CGTGGTGGTGTGA 15

RESULT 692
US-10-061-201-1954
; Sequence 1954, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10

; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1954
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1954

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 516 CGTGGTGGTGTGA 529
DB 1 CGTGGTGGTGTGA 14

RESULT 693
US-09-817-879-365/c
; Sequence 365, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: MBHB00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 365
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-365

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 769 AGTGGCGTGGCCT 782
DB 16 AGTGGTGGCCT 3

RESULT 694
US-09-817-879-366/c
; Sequence 366, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: MBHB00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 366
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-366

Query Match 0.7%; Score 12.4; DB 1; Length 17;

Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 769 AGTGGCGTGGCCCT 782
Db 14 AGTGGTGGCCCT 1

RESULT 695

US-09-817-879-596/c
; Sequence 596, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: MBH00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 596
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-596

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 789 TGTCTCGTGAAGA 802
Db 17 TGTCTCGTGGAGA 4

RESULT 696

US-09-817-879-2338
; Sequence 2338, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: MBH00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2338
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-2338

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 3.7e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 610 CAGGTGGTGGCCCT 623
Db 3 CAGGUGGCGCCCU 16

RESULT 697

US-09-817-879-3959
; Sequence 3959, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: MBH00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3959
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-3959

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 57.1%; Pred. No. 3.7e+02;
Matches 8; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

Qy 789 TGTCTCGTGAAGA 802
Db 2 UGUDUGGUGGAGA 15

RESULT 698

US-09-817-879-4190
; Sequence 4190, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: MBH00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4190
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-4190

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 3.7e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 769 AGTGGCGTGGCCCT 782
Db 3 AGUGGUGGUGCCCU 16

RESULT 699

US-10-060-830-136/c
; Sequence 136, Application US/10060830
; Publication No. US20030032154A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: NGUYEN, Cung-Tuong
; TITLE OF INVENTION: HUMAN LCCL DOMAIN CONTAINING PROTEIN
; FILE REFERENCE: P80169
; CURRENT APPLICATION NUMBER: US/10/060,830

QY 872 TCATGGTCACTGC 885
Db 15 TCATGGTCACTGC 2

RESULT 700
US-10-060-830-137/c
; Sequence 137, Application US/10060830
; Publication No. US20030032154A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN LCLL DONAN CONTAINING PROTEIN
; FILE REFERENCE: PB0169
; CURRENT APPLICATION NUMBER: US/10/060,830
; PRIOR FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/325,062
; PRIOR FILING DATE: 2001-09-25
; NUMBER OF SEQ ID NOS: 1123
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 136
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-830-136

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 872 TCATGGTCACTGC 885
Db 15 TCATGGTCACTGC 2

RESULT 700
US-10-060-830-137/c
; Sequence 137, Application US/10060830
; Publication No. US20030032154A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN LCLL DONAN CONTAINING PROTEIN
; FILE REFERENCE: PB0169
; CURRENT APPLICATION NUMBER: US/10/060,830
; PRIOR FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/325,062
; PRIOR FILING DATE: 2001-09-25
; NUMBER OF SEQ ID NOS: 1123
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 137
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-830-137

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 872 TCATGGTCACTGC 885
Db 14 TCATGGTCACTGC 1

RESULT 701
US-10-060-756A-163
; Sequence 163, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; PRIOR FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 163
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-163

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 745 CTCCTCCACCGGC 758
Db 4 CTCCTCCACCGGC 17

RESULT 702
US-10-060-756A-167
; Sequence 167, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; PRIOR FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;


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RESULT 706
US-10-060-756A-1360/c
; Sequence 1360, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1360
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-1360

Query Match      0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1683 TGCCAAGAAGGCAG 1696
DB      15 TGCCAAGAAGGCAG 2

RESULT 707
US-10-060-756A-1362/c
; Sequence 1362, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1362
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-1362

Query Match      0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1683 TGCCAAGAAGGCAG 1696
DB      14 TGCCAAGAAGGCAG 1

RESULT 709
US-10-060-756A-1775/c
; Sequence 1775, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1361
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-1361/c

Query Match      0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1683 TGCCAAGAAGGCAG 1696
DB      16 TGCCAAGAAGGCAG 3

RESULT 707
US-10-060-756A-1361/c
; Sequence 1361, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1361
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-1361/c

Query Match      0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1683 TGCCAAGAAGGCAG 1696
DB      16 TGCCAAGAAGGCAG 3
```



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; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1775
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-1775
```

```
Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 1468 TTTTAAAGAGGG 1481
|||||
Db 17 TTTTAAATGAGG 4
```

```
RESULT 710
US-10-060-756A-1776/c
; Sequence 1776, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1776
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-1776
```

```
Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 1468 TTTTAAAGAGGG 1481
|||||
Db 16 TTTTAAATGAGG 3
```

```
RESULT 711
US-10-060-756A-1777/c
; Sequence 1777, Application US/10060756A
```

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; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1777
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-1777
```

```
Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 1468 TTTTAAAGAGGG 1481
|||||
Db 15 TTTTAAATGAGG 2
```

```
RESULT 712
US-10-060-756A-1778/c
; Sequence 1778, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1778
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-1778
```

US-10-060-998-915
; Sequence 915, Application US/10060998
; Publication No. US20030104530A1

```

: GENERAL INFORMATION:
: APPLICANT: Gu. Yizhong
: TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
: FILE REFERENCE: P03108
: CURRENT APPLICATION NUMBER: US/10/060,998
: CURRENT FILING DATE: 2002-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00666
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: US 09/864,761
: PRIOR FILING DATE: 2001-05-23
: PRIOR APPLICATION NUMBER: US 60/343,331
: PRIOR FILING DATE: 2001-12-21
: NUMBER OF SEQ ID NOS: 3056
: SOFTWARE: Aecomica Sequence Listing Engine
: SEQ ID NO 915
: LENGTH: 17
: TYPE: DNA
: ORGANISM: Homo sapiens
: US-10-060-998-915

```

```

Query Match      0.7%   Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      175  ATTTCTCTGGGAAT 188
          | | | | | | | | | |
Db       4    AATTCTCTGGGAAT 17

```

```

RESULT 718
US-10-163-552-39
; Sequence 39, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Messwiggen, Jim
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
; TITLE OF INVENTION: HER2
; FILE REFERENCE: MBHB01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 39
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-39

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Query Match	0.7%	Score 12.4;	DB 1;	Length 17;
Best Local Similarity	78.6%	Pred. No. 3.7e+02;		
Matches 11;	Conservative 2;	Mismatches 1;	Indels 0;	Gaps 0;
QY	243	AGAACCTGGAGCT	256	
Db	3	AGCACCAUGGAGCU	16	

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RESULT 719
US-10-156-306-2268
; Sequence 2268, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MEH901-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2268

```

```

; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2268

Query Match          0.7%   Score 12.4;   DB 1;   Length 17;
Best Local Similarity 85.7%;   Pred No. 3.7e+02;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy      1638  CCAGAGCTGAAGG 1651
          ||||| : |||
Db       2    CCAGAGGUGAAG 15

```

```

RESULT 720
US-10-156-306-3553
; Sequence 3553, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3553
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-3553

```

```

Query Match      0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 3.7e+03;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1638 CCAGAACTGAAGG 1651
      |||||:||||
Db 3 CCAGAGGUGAAGG 16

```

```

RESULT 721
US-09-780-164-99
; Sequence 99, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McGswiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 99
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-99

```

```

Query Match          0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. NO. 4e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY      1465 CCATTTTAAAAAGGG 1481
      |||:::| |||
Db       1 CCAUUUUUUAAAAUG 17

```

RESULT 722

US-09-780-164-98
; Sequence 98, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 98
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-98

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 4e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 1464 CCCATTTTAAAGAGG 1480
|||||:|:|:|:|
Db 1 CCCAUUUUUAAAAAUG 17

RESULT 723

US-10-300-683-265/c
; Sequence 265, Application US/10300683
; Publication No. US20030235834A1
; GENERAL INFORMATION:
; APPLICANT: Dunlop, Charles L.M.
; APPLICANT: Weisel, James M.
; TITLE OF INVENTION: APPROACHES TO IDENTIFY CYSTIC FIBROSIS
; FILE REFERENCE: CHARDUN.010A
; CURRENT APPLICATION NUMBER: US/10/300,683
; CURRENT FILING DATE: 2002-11-19
; PRIOR APPLICATION NUMBER: 60/333,531
; PRIOR FILING DATE: 2001-11-19
; NUMBER OF SEQ ID NOS: 554
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 265
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Diagnostic Oligonucleotide
US-10-300-683-265

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1311 TGTCCCATCTGTGATTG 1327
|||||:|:|:|:|
Db 17 TGTCCCATCATAGATTG 1

Search completed: February 4, 2004, 11:09:50
Job time : 21 secs

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: February 4, 2004, 11:13:47 ; Search time 1 Seconds
(without alignments)
0.380 Million cell updates/sec

Title: us-09-920-394-3
Perfect score: 1728
Sequence: 1 tgcgccttcacgatgtgg.....catagctgtgaatgaaga 1728

Scoring table: IDENTITY NUC
Gapop 10_0 , Gapext 0.5

Searched: 6 seqs, 110 residues
Total number of hits satisfying chosen parameters: 12

Minimum DB seq length: 8
Maximum DB seq length: 50

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 5 summaries

Database : rst.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	16.4	0.9	19	1 AZ764662	ACCESSION:AZ764662
2	15.6	0.9	22	1 AZ476575	ACCESSION:AZ476575
3	13.8	0.8	19	1 AZ761740	ACCESSION:AZ761740
C 4	12.4	0.7	17	1 BM396941	ACCESSION:BM396941
C 5	12.2	0.7	17	1 BG896889	ACCESSION:BG896889

ALIGNMENTS

RESULT 1
AZ764662 19 bp DNA linear GSS 16-FEB-2001
LOCUS
DEFINITION 1M0561K11F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0561K11 F, genomic survey sequence.

ACCESSION AZ764662
VERSION AZ764662.1 GI:12879855
KEYWORDS GSS.

SOURCE Mus musculus (house mouse)

ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE 1 (bases 1 to 19)
AUTHORS Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mamoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Stokes,R., Tingey,A., von Niederhausern,A.

TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts

JOURNAL Unpublished
COMMENT Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah

Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert length: 10000 Std Error: 0.00
Plate: 0561 row: K column: 11
Seq primer: CGTTGTAACGACGCGCCAGT
Class: plasmid ends
High quality sequence stop: 19.

FEATURES

source

1..19
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0561K11"
/sex="Male"
/lab_hosts="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of PWD42 (gil4732114[gb]AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

BASE COUNT 5 a 6 c 6 g 2 t

Query Match 9.4%; Score 16.4; DB 1; Length 19;

Best Local Similarity 94.4%; Pred. No. 0.49; Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 966 CAGAGAGAGTCAACCCCT 983

Db 2 CAGAGAGAGTCAACCCCT 19

RESULT 2

AZ476575

LOCUS

DEFINITION

IM0295F02R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0295F02 R, genomic survey sequence.

ACCESSION

AZ476575

VERSION

AZ476575.1 GI:10634700

KEYWORDS

GSS.

SOURCE

Mus musculus (house mouse)

ORGANISM

Mus musculus

REFERENCE

1 (bases 1 to 22)

AUTHORS

Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mamoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Stokes,R., Tingey,A., von Niederhausern,A.

TITLE

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts

JOURNAL

Unpublished

COMMENT

Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah

Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 1000 Std Error: 0.00
 Plate: 0295 row: F column: 02
 Seq primer: CACACAGAAACAGCTATGACC
 Class: plasmid ends
 High quality sequence stop: 22.
 Location/Qualifiers

FEATURES

source

1..22

/organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UGC1M0556A13"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, TI-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UUGCIM library"
 /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (G14732114|GB|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

BASE COUNT

6 a 9 c 4 g 3 t

Query Match 0.9%; Score 15.6; DB 1; Length 22;
 Best Local Similarity 81.8%; Pred. No. 0.6;
 Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 843 TGCTGGGTGCAAAACCCACC 864

Db 1 TCCTGGGACTAAACCCACC 22

RESULT 3

AZ761740/c
 LOCUS AZ761740 19 bp DNA linear GSS 16-FEB-2001
 DEFINITION IM0556A13F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UGC1M0556A13 F, genomic survey sequence.

ACCESSION AZ761740

VERSION AZ761740.1 GI:12870983

KEYWORDS GSS.

SOURCE Mus musculus (house mouse)

ORGANISM

Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

1 (bases 1 to 19)

REFERENCE
 AUTHORS Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausen,A. and Wright,D., Weiss,R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts

Unpublished

JOURNAL

COMMENT Contact: Robert B. Weiss

University of Utah Genome Center

University of Utah

Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 1000 Std Error: 0.00
 Plate: 0556 row: A column: 13
 Seq primer: CGTTGTAACGACGCCAGT
 Class: plasmid ends
 High quality sequence stop: 19.
 Location/Qualifiers

FEATURES

source

1..19

/organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UGC1M0556A13"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, TI-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UUGCIM library"
 /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (G14732114|GB|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

BASE COUNT

4 a 2 c 8 g 5 t

Query Match 0.8%; Score 13.8; DB 1; Length 19;
 Best Local Similarity 88.2%; Pred. No. 1.5;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1053 CCACACTGTCCCTACA 1069

Db 18 CCAGACTGTCCCTACA 2

RESULT 4

BM396941/c
 LOCUS BM396941 17 bp mRNA linear EST 17-JAN-2002
 DEFINITION 5009-0-27-B04.t.1 Chilcoat/Turkewitz cDNA (large fraction) Tetrahymena thermophila cDNA, mRNA sequence.

ACCESSION BM396941

VERSION BM396941.1 GI:18196994

KEYWORDS EST.

SOURCE Tetrahymena thermophila

ORGANISM

Tetrahymena thermophila
 Eukaryota; Alveolata; Ciliophora; Oligohymenophorea; Hymenostomata; Tetrahymenina; Tetrahymena.

1 (bases 1 to 17)

REFERENCE
 AUTHORS Turkewitz,A.P., Karter,K.M., Jahn,C., Orlas,E., Kirk,K.E., Frankel,J. and Klobutcher,L.

EST from Tetrahymena thermophila, strain CU428.1, growing cells

Unpublished

CONTACT: Turkewitz AP

Molecular Genetics and Cell Biology

University of Chicago

920 E. 58th Street, Chicago, IL 60637, USA

Tel: 773 702 4374

Fax: 773 702 3172

Email: apturkew@midway.uchicago.edu

Seq primer: T3

Search completed: February 4, 2004, 11:13:48
Job time : 1 secsFEATURES
source

Location/Qualifiers
1..17
/organism="Tetrahymena thermophila"
/mol_type="mRNA"
/strain="CU428.1"
/db_xref="taxon:5911"
/clone_lib="Chilcoat/Turkewitz cDNA (large fraction)"
/note="Vector: Bluescript2 SK+; Details on library preparation can be found in Chilcoat and Turkewitz (2001) Proc. Natl. Acad. Sci USA, 98: 8709-8713."
2 a 6 c 5 g 4 t

BASE COUNT

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.8;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 264 GAATGCCACCTCGT 277

Db 17 GAATGCCACCGCGT 4

RESULT 5

BG896889/c

LOCUS

DEFINITION BG896889 17 bp mRNA linear EST 06-NOV-2001
HOA58-1-G10-R HOA (Human Osteoarthritic Cartilage) Homo sapiens
cDNA, mRNA sequence.

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

1 (bases 1 to 17)
Kumar, S., Connor, J.R., Dodds, R.A., Halsey, W., Van Horn, M., Mao, J.,
Sathe, G., Mui, P., Agarwal, P., Badger, A.M., Lee, J.C., Gowen, M. and
Lark, M.W.

TITLE

Identification and initial characterization of 5000 expressed
sequenced tags (ESTs) each from adult human normal and
osteoarthritic cartilage cDNA libraries

JOURNAL

MEDLINE

PUBMED

COMMENT

Contact: Sanjay Kumar
UW2109
GlaxoSmithKline
709 Swedeland Road, P.O. Box 1539, King of Prussia, PA 19406, USA
Tel: 610-270-7245
Fax: 610-270-5598
Email: sanjay_kumar-l@gsk.com

FEATURES

Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/tissue_type="cartilage"
/lab_host="E.coli DH10 B"
/clone_lib="HOA (Human Osteoarthritic Cartilage)"
/note="Vector: pSPORT 1; Site_1: SalI; Site_2: NotI;
Directional"

source

BASE COUNT

3 a 10 c 0 g 4 t
Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 454 GGGGGGCTGATGGTGG 470

Db 17 GAGGGGATGATGTTAGG 1